

**Section 9841 – Los Angeles County  
ACP 5**



**Los Angeles County Coastal Environment**

## Section 9841 – Los Angeles County

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## 9841.1 Environmentally Sensitive Sites – Los Angeles County

The purpose of this section is to provide background, definitions, and philosophy behind the Site Summary and Strategy Sheets in ACP Section 9800. Both Federal and State laws require that sites having special ecological sensitivity be identified and provisions be made to protect or otherwise mitigate for the site impacts from spills. In California these locations are termed “Sensitive Sites”. A narrative and diagram of each site with specific ecological and operational information has been developed.

The development of specific protection strategies to meet the site specific needs was conducted using a standardized protocol to ensure consistency for California's entire coast. The process of site visits, training exercises, and discussions allows trustees and response experts to exchange concerns and feasibility limitations in forming protection strategies. Using this approach, the local area committee incorporates input of State and Federal trustees, and stakeholders (industry, spill response co-ops and contractors, non-governmental environmental groups, and other agencies) to form consensus on the appropriate site protection strategies and response resources. The committee will revise strategies based on new knowledge and to adapt to changing conditions. This information is updated and maintained by the Department of Fish and Game, OSPR, in the Site Information and Spill Response Strategy (SISRS) database. The sensitive site ACP pages included in Section 9841.1 are produced from the SISRS database, and the database always has the most current information available for sensitive sites.

The environmental sensitivity differs by location or season depending on conditions or the presence of species. A ranking index was developed in order to identify the relative protection priority of sites. These ranks define the environmental sensitivity of the area and its resources at risk. Accordingly each site is ranked A, B, or C based on the following definitions:

**Category A - Extremely Sensitive** - first priority for protection:

Wetlands, estuaries and lagoons with emergent vegetation (marsh-riparian ESI 10) Sheltered tidal flat (ESI 9); and Habitats for rare, threatened or endangered species (State or Federal); Sites of significant concentrations of vulnerable and sensitive species (e.g. pinniped pupping)

**Category B - Very Sensitive** - second priority for protection

Major pinniped haulout areas during non-pupping seasons; Moderate concentrations of vulnerable and sensitive species; other low energy habitats (ESI types 8A, 8B, 7 and 6B)

**Category C - Sensitive** - third priority for protection

Higher energy habitats (ESI 6A through 1) for example: *Habitats important to large numbers of species of sport, commercial value, and scientific interest or species experiencing significant population declines though not yet threatened.*

In addition to the environmental narratives shown on the Site Summary page, a Site Strategy narrative provides information on protection strategies, recommended resources, and site logistical and access information. These Site Strategies are intended as guidelines to assist responders during the initial hours of a spill response. The intent of the site strategies is to provide initial recommendations to protect the site

until actual conditions and needs at sensitive sites can be determined to provide appropriately modified strategies. In other words, strategies presented here are flexible and may require modification in real response situations.

The strategies provided here are the best available response options for foreseeable typical wind and current conditions at the respective sites. Those conditions may not prevail at the time of the spill. Responders and planners may need to adjust strategies to meet the needs presented by prevailing conditions; following the initial emergency response many sites may have alternative strategies to accommodate differences in conditions.

This section provides detailed information on Environmentally Sensitive Sites in Los Angeles County. Each site is described on multiple pages: Site Summary, Site Strategy, and Diagram. The Site Summary page provides a brief description of the site including location, access, specific concerns, agency contacts, etc. The Site Strategy page provides specific information on response strategies to be implemented to protect the site from marine oil spills. The diagram page shows the protection strategies, topography and roads.

Some sites have more than one protection strategy. These additional strategies may be used as back-ups to the primary protection strategy or as alternatives to accommodate prevailing conditions. It should be understood that the described strategies are intended as initial protection strategies for the first 24 hours of a spill. Additional or modified protection measures should also be considered.





**Index Map – Santa Monica Bay Environmentally Sensitive Sites**

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5-130-A/C	Marina Del Rey Breakwater	9841.1 - 17
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5-150-A	Ballona Lagoon Wetlands, Del Rey Lagoon	9841.1 - 25
5-160-A/C	King Harbor Breakwater	9841.1 - 29

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**5-000 -A Site Summary- Typical LA-LB Sandy Beach****5-000 -A**

Thomas Guide Location

Latitude N

Longitude W

County: **Los Angeles Co./Orange Co.**

USGS Quad:

NOAA Chart: **18740**

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

Snowy plover and least tern nesting sites are seasonally occupied at various coastal beach sites. The birds may have active nests, or chicks may be actively moving about the described area. Care should be given to minimize disturbance and avoid injury to either nests, or chicks.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year. Nesting: Snowy plovers and least terns generally nest on coastal sandy beaches between early May and mid-September. Between October and April nesting is not a concern. Over-wintering: During the non-nesting months of October to April, adult snowy plovers may continue to utilize beach habitats. Adult least terns migrate south.

**RESOURCES OF PRIMARY CONCERN**

Sandy shoreline.

Snowy plovers (Federal threatened species) are small, white and tan colored shorebirds. Least terns (Federal and State endangered species) are small, gull-like, gray, white and black colored diving birds. Snowy plovers tend to nest in the rack line of the high-high tide, while least terns generally tend to nest in dune areas slightly farther from the shoreline. Nests are usually constructed on loose sand, and are easily stepped on due to their very cryptic nature. Chicks are known to run between nests and the waterline. Snowy plovers adults forage while wading along the shoreline. Least tern adults dive into the water to forage in shallow, nearshore areas of the open coast, embayments, estuaries, and dune lakes.

Intertidal fish, including Grunion, and invertebrates.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Archaeological issues may be associated with the identified location. South Central Coastal Information Center, or State Historical Information Preservation Office should be notified within 48 hours if no other overriding issues are identified to warrant earlier notifications.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Office of Historic Preservation	(916) 653-6624
T		South Central Coastal Information Center	(714) 278-5395
O		L.A. County Lifeguard	(323) 881-6105
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (grunion fishery)	(562) 342-7199
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

**5-000 -A Site Strategy - Typical LA-LB Sandy Beach****5-000 -A**County and Thomas Guide Location  
**Los Angeles Co./Orange Co.**NOAA CHART  
**18740**

Latitude N Longitude W

**CONCERNS and ADVICE to RESPONDERS:**

Last Page Update : 4/21/2005

Beach bird-nesting sites are shallow depressions scratched out from the sand surface on sandy beaches above the highest tide line. The nest sites are typically very well disguised and difficult to see, even for trained eyes. Nest sites may contain either eggs, or chicks which are potentially vulnerable to trampling by vehicles or foot traffic. Snowy plover adults and chicks, and least tern chicks are known to move between the nest sites and the active water line. Over-wintering snowy plover adults may be foraging throughout the response area. To aid in avoiding damage to nests, consider delineation of nesting areas.

**HAZARDS and RESTRICTIONS:**

Watch weather and sea conditions. Strong surf.

**SITE STRATEGIES****Strategy 5-000.1 Objective: Beach pre-clean and clean under close supervision of a natural resource specialist.**

ACP DATE

Nests and critical habitat protection areas will require oversight by a natural resource specialist prior to response effort execution. Pre-clean the beach and stockpile kelp and surfgrass rack in designated areas for re-distribution after response efforts are completed. Solid waste and rack will be directed to separated collection locations. Oil spill response and cleanup activity will be limited to locations below the high tide line unless authorized by trustee agency specialist, or designee (biological monitor). The area to be protected will be monitored by an assigned biological monitor. Oil removal will be conducted by hand crews unless other methods are recommended by the biological monitor.

**Strategy 5-000.2 Objective: Removal of eggs to prevent injury.**

ACP DATE

At the discretion of the biological monitor, in consultation with the U.S. Fish and Wildlife Service, snowy plover or least tern eggs may be removed from nest's by authorized and qualified personnel to an approved facility to avoid injury. This determination will be made on-site utilizing oil trajectory and oil impact timing information.

**Table of Response Resources**

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-000.1					0	0	0	1	Nat Resource Spec., 1 Front loader	8	
5-000.2					0	0	0	1	Nat Resource Spec., 1 4WD Vehicle	0	

**LOGISTICS****DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Most Access from Pacific Coast Highway (PCH or Highway 1).

**LAND ACCESS:**

Refer to coastal access mapping information to describe the best access point for response and natural resource protection. Access by crews and equipment should occur only through areas specifically designated by authorized monitoring personnel. Access points shall be minimized by size and number to reduce impacts. Site specific information will be developed during a response effort.

**WATER LOGISTICS:**

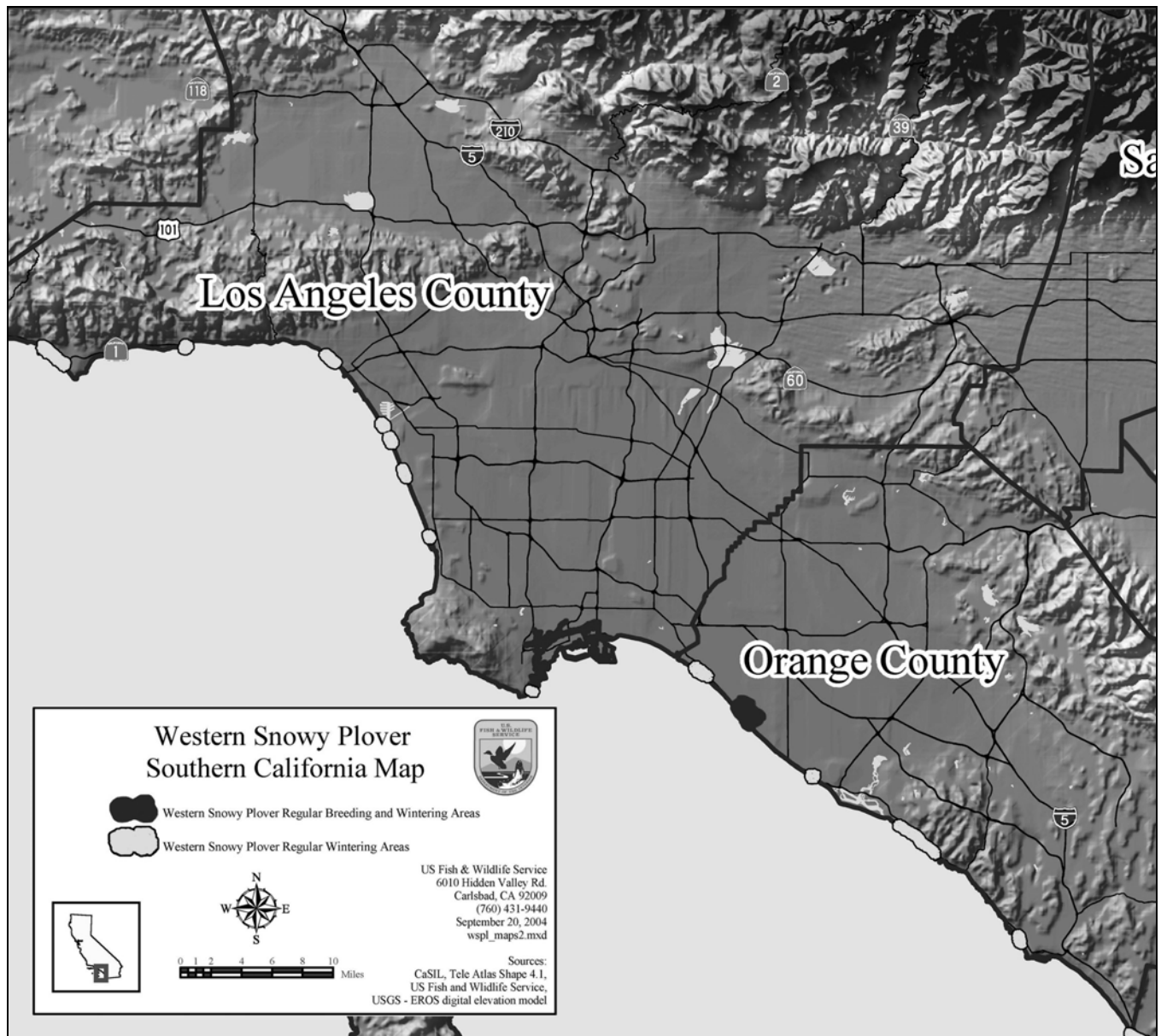
Limitations: depth, obstruction  
Launching, Loading, Docking  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

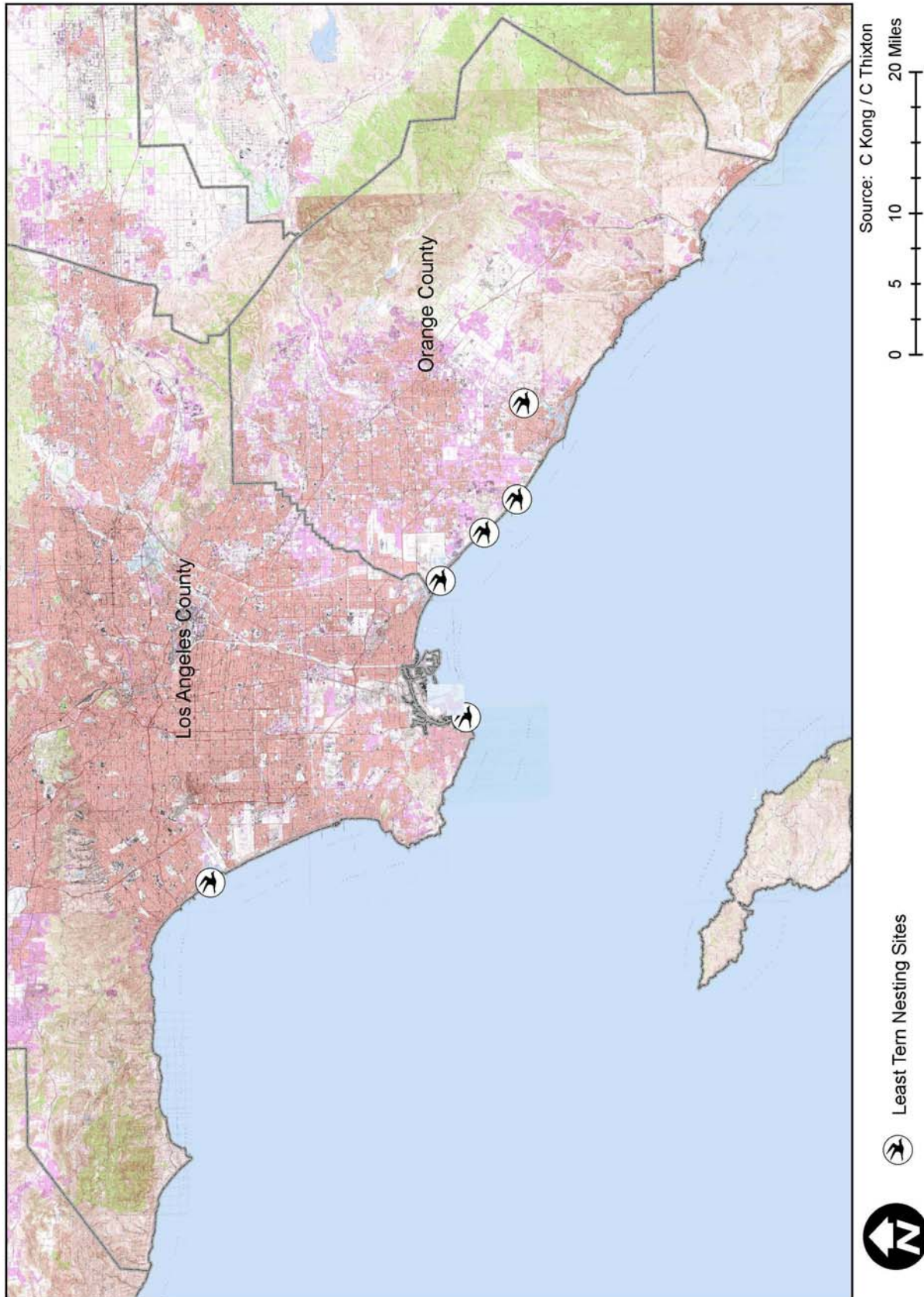
A staging area will be determined as most suitable for response and natural resource protection for the affected location. All responders will be briefed on procedures for avoiding birds and nest sites to aid in minimizing damage to nest sites and associated wildlife.

**COMMUNICATIONS PROBLEMS:** None.**ADDITIONAL OPERATIONAL COMMENTS:**

Beaches must be precleaned. Watch for fenced Least Tern sites. See attached map for areas where Snowy Plovers are likely to be found.



Los Angeles - Orange County  
Least Tern Nesting Sites



**5-110 -A Site Summary- Malibu Lagoon Coastal Wetland****5-110 -A**

County: **Los Angeles Co.**  
USGS Quad: **34118A6**

Thomas Guide Location  
**629 A7**  
NOAA Chart: **18744**

Latitude N  
**34 02.0**

Longitude W  
**118 41.0**

Last Page Update : 4/21/2005
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**SITE DESCRIPTION:**

Coastal lagoon and wetlands complex. Entrance to sea is often closed by sand during low rain fall seasons.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year. Winter/spring- Steelhead.

**RESOURCES OF PRIMARY CONCERN**

Coastal lagoon and wetlands complex.

California Brown Pelican (Federal and State endangered species), seabirds, shorebirds, and waterfowl.

Intertidal fish, including Tidewater Goby (Federal and State endangered species). Steelhead Trout (Federal endangered species) and juvenile fish.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Probable archaeological sites

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
C		Office of Historic Preservation	(916) 653-6624
O		L.A. County Lifeguard	(323) 881-6105
O		Los Angeles County Fire Dept.	(310) 679-1131
T		Calif. Dept. of Parks and Recreation (Emergencies)	(916) 358-1300
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		U. S. Fish and Wildlife Service	(619) 431-9440
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	John O'brien Fisheries Biologist	Calif. Dept. of Fish and Game Reg 5	(562) 342-7173
T	Anthony Spina Fisheries	NOAA / Nat. Mar. Fish. Services	(562) 980-4045
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-110 -A Site Strategy - Malibu Lagoon Coastal Wetland

County and Thomas Guide Location  
629 A7 Los Angeles Co.

NOAA CHART  
18744

## 5-110 -A

Latitude N Longitude W  
34 02.0 118 41.0

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species and wetland habitat. Responders should watch for and avoid nesting birds and minimize disturbances to vegetation. Avoid the spread of oil into the wetland through response activities.

### HAZARDS and RESTRICTIONS:

Microbiological hazard from contaminated water.

### SITE STRATEGIES

#### Strategy 5-110.1 Objective: Exclusion of oil entry to wetland.

ACP DATE

A complete closing off of the Malibu Creek Inlet by means of intertidal boom.

#### Strategy 5-110.2 Objective: Exclusion of oil entry to wetland.

ACP DATE

Deflection boom or booms in cascade pattern to move oil to a collection point for a skimmer. Sorbent booms can be placed on the shoreline to help in clean-up. If oil does reach the shorelines then mechanical or manual removal or cleaning of impacted area may become necessary.

#### Strategy 5-110.3 Objective: Exclusion of oil entry to wetland.

ACP DATE

Construction of a filter barrier (excellent fence) if there is a shortage of sand to protect from high tides or waves.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-110.1			500 Interti	500	0		2	0		4	2
5-110.2	1200			1200	0	0	2	0		8	2
5-110.3			2000 Pom		0	0	0	12	Stakes and Fencing	10	2

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

From PCH in Malibu, go south on Cross Creek Rd. until you reach the State Park parking lot.

**LAND ACCESS:** Access from PCH, Malibu Colony Road, and State Beach parking lot.

**WATER LOGISTICS:** Shallow water and heavy vegetation.

Limitations: depth, obstructions

Launching, Loading, Docking and Services Available: No boat ramps. Launch punts from sandbar at mouth of the lagoon.

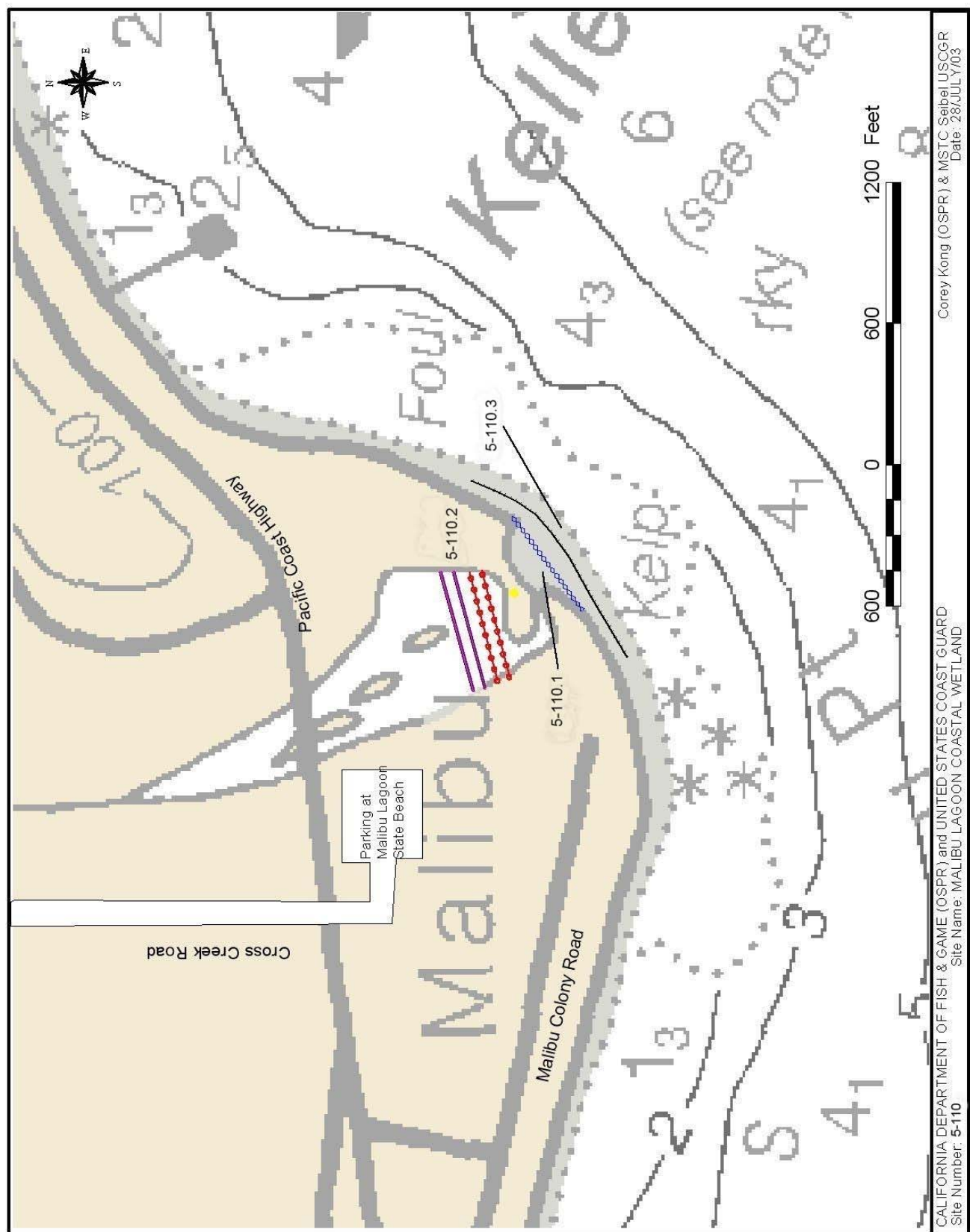
### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Parking and staging in State Park parking lot. There is street and off-street parking along PCH near Surfrider County Beach.

**COMMUNICATIONS PROBLEMS:** None.

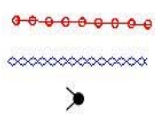
**ADDITIONAL OPERATIONAL COMMENTS:**



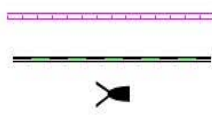


Corey Kong (OSPR) & MSTC Seibel USCGR  
Date: 28/JULY/03

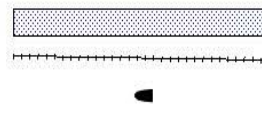
CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: MALIBU LAGOON COASTAL WETLAND  
Site Number: 5-110



Harbor Boom  
Swamp Boom  
sss / sfs



Sorbent Boom  
Other Boom  
tsa / sps



Dike or Berm  
Excellior Fence  
tba/voo

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## 5-120 -A/C Site Summary- Venice Beach

5-120 -A/C

County: **Los Angeles Co.**

USGS Quad: **33118H4**

Thomas Guide Location

701 J2

NOAA Chart: **18744**

Latitude N

33 58.0

Longitude W

118 28.0

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

Feeding site at fore beach; fenced nesting site on upper portion of beach north of Ballona Creek entrance (Marina Del Rey). Medium grain sand beach. Grunion spawning at high tide - usually at ends of beach.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A: April to September.

Western Snowy Plovers and California Least Terns both nest above the high tide line. Western Snowy Plover chicks move to wave wash zone after hatching. California Least Terns forage in offshore waters.

Other concerns: Grunion runs - late February to early September - Grunion lay eggs in sand at highest tide line. Eggs are very vulnerable to oil and beach clean-up.

### RESOURCES OF PRIMARY CONCERN

Nesting and feeding site.

California Least Tern (Federal and State endangered species) and Western Snowy Plover (Federal endangered species).

Intertidal fish, including Grunion, and invertebrates.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		L.A. County Lifeguard	(323) 881-6105
O		Los Angeles County Fire Dept.	(310) 679-1131
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (grunion fishery)	(562) 342-7199
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-120 -A/C Site Strategy - Venice Beach

5-120 -A/C

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

701 J2 Los Angeles Co.

18744

33 58.0 118 28.0

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered species nesting and feeding habitat. Responders should avoid fenced bird nesting area.

### HAZARDS and RESTRICTIONS:

### SITE STRATEGIES

#### Strategy 5-120.1 Objective: Prevent impact to Least Tern nesting site.

ACP DATE

Mark nesting area, avoid disturbances, and look-out for oiled birds.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-120.1					0		0		1 Nat Resource Spec		

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

From Lincoln Blvd. (Highway 1) in Marina Del Rey, go west on Washington Blvd. and south on Pacific Ave. until you reach the terminus at Via Marina. There will be a parking lot.

**LAND ACCESS:** Go west from parking area until you reach the fenced Least Tern area.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking

and Services Available:

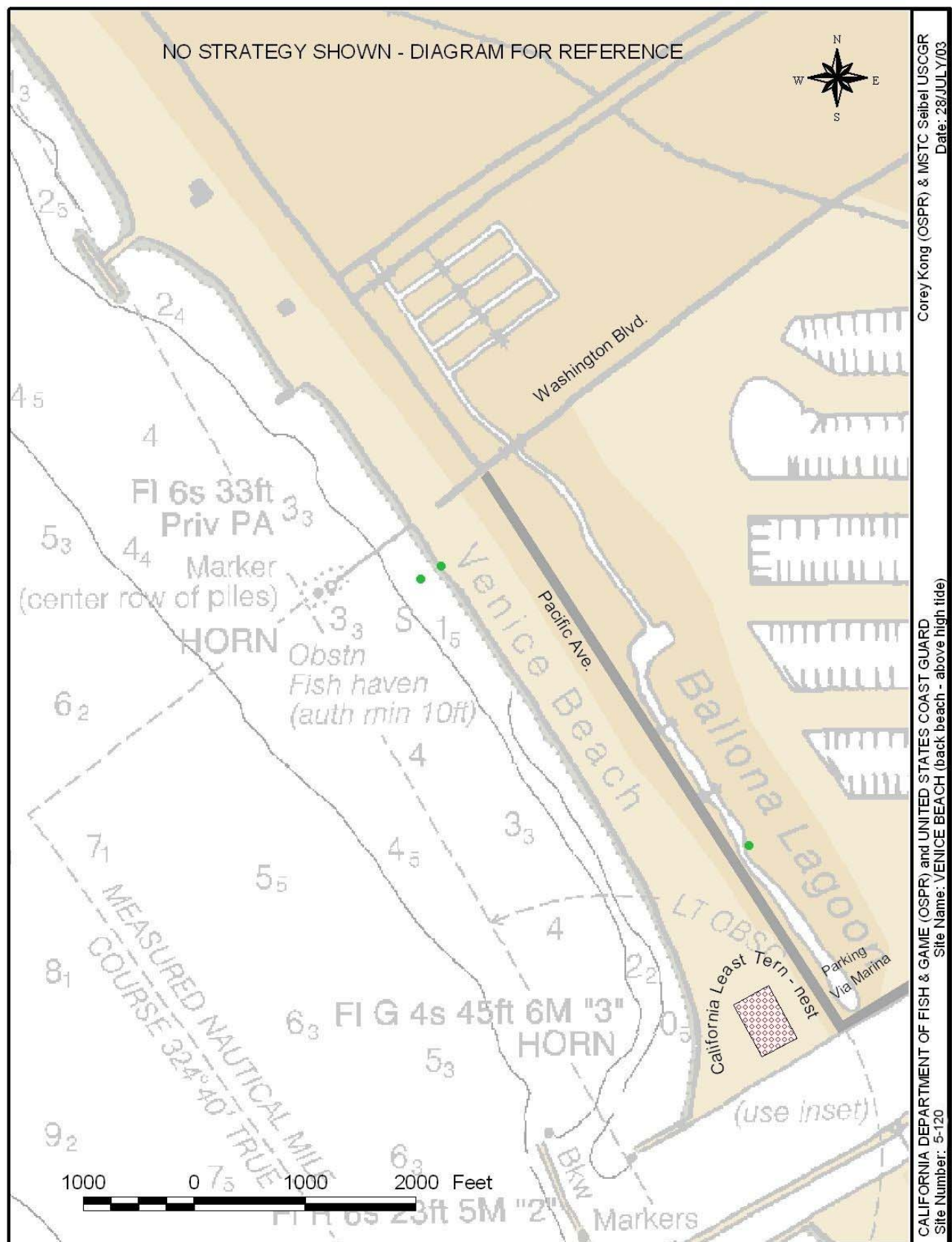
#### **FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

Parking at Pacific Ave. and Via Marina.

**COMMUNICATIONS PROBLEMS:** None.

#### **ADDITIONAL OPERATIONAL COMMENTS:**

Access to beach from Pacific Ave.



Corey Kong (OSPR) & MSTC Seibel USCGR  
Date: 28 JULY 03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: VENICE BEACH (back beach - above high tide)

Site Number: 5-120



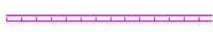
Harbor Boom



Swamp Boom



sss / sfs



Sorbent Boom



Other Boom



tsa / sps



Dike or Berm



Excellior Fence



tba/voo

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## 5-130 -A/C Site Summary- Marina Del Rey Breakwater

5-130 -A/C

County: **Los Angeles Co.**  
USGS Quad: **33118H4**

Thomas Guide Location  
701 J3  
NOAA Chart: **18744**

Latitude N  
33 57.6

Longitude W  
118 28.0

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

Riprap to 10 feet above mean lower low water.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A: Presence of listed species; otherwise Rank C.

### RESOURCES OF PRIMARY CONCERN

Seabird roosting site. During the night, this is a major Brown Pelican roosting site.

California Brown Pelican (Federal and State endangered species).

Invertebrates, including Spiny Lobster.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		L.A. County Lifeguard	(323) 881-6105
O		Los Angeles County Sheriff Dept. (MDR)	(310) 823-7762
O		Los Angeles County Fire Dept.	(310) 679-1131
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-130 -A/C Site Strategy - Marina Del Rey Breakwater

5-130 -A/C

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

701 J3 Los Angeles Co.

18744

33 57.6 118 28.0

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species roosting habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

**Strategy 5-130.1** **Objective: Open water containment and recovery to prevent oil from reaching the breakwater.**

ACP DATE

Use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-130.1			1500 Ocea		0	4	0	0		8	

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Boat launch available in Marina Del Rey. From Lincoln Blvd. (Highway 1) in Marina Del Rey, go west on Fiji Way. Boat launch is at 13477 Fiji Way in Basin H.

**LAND ACCESS:** Access by boat only.

**WATER LOGISTICS:** Heavy small boat traffic.

Limitations: depth, obstruction

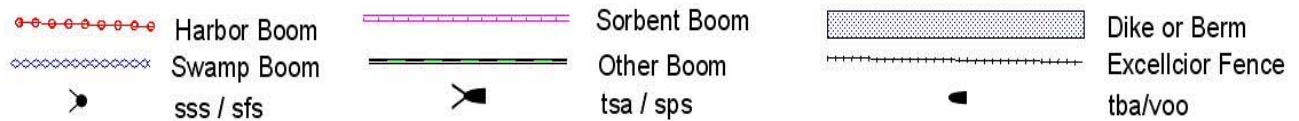
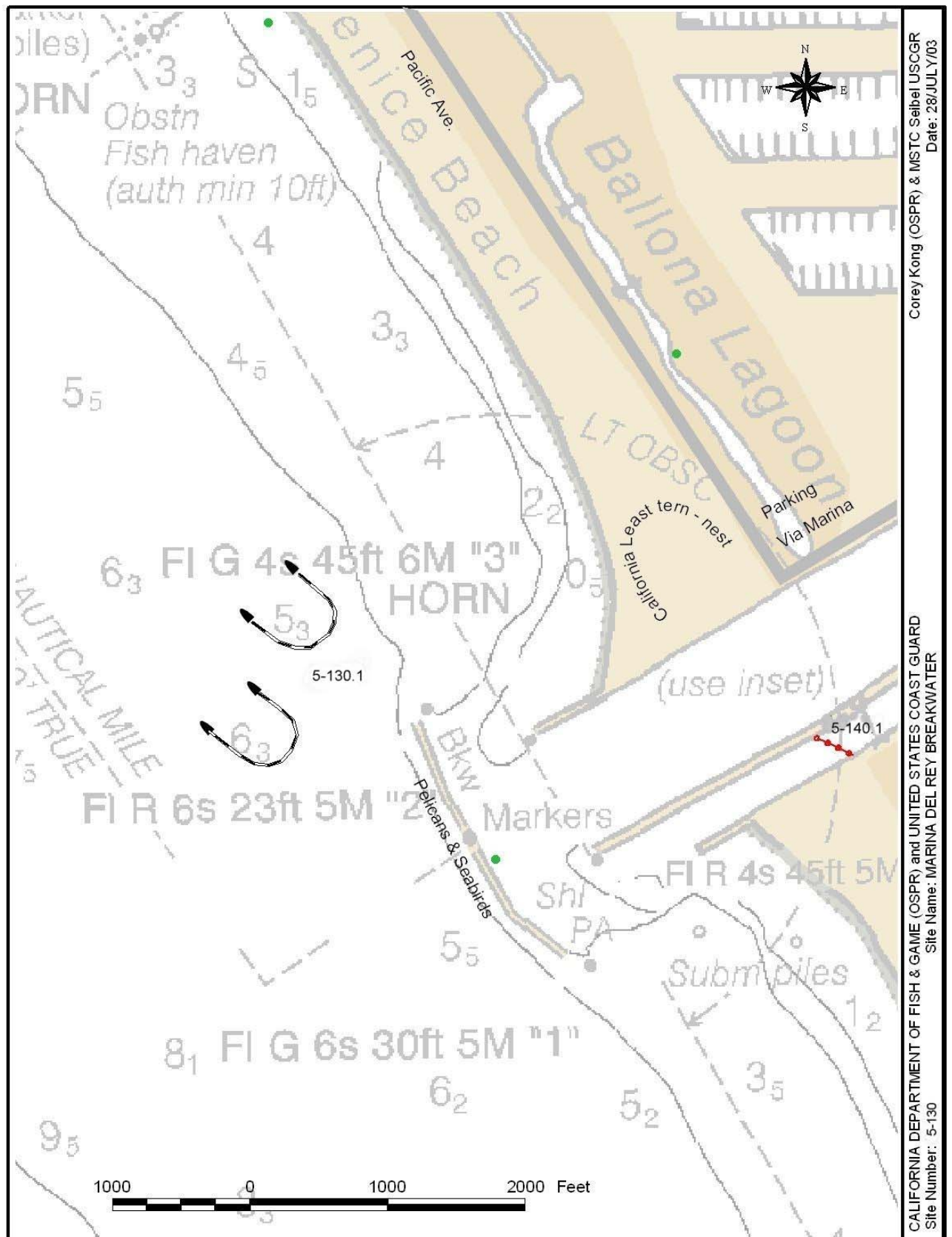
Launching, Loading, Docking All services available.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:** None.

**ADDITIONAL OPERATIONAL COMMENTS:**





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## 5-140 -A/B Site Summary- Ballona Creek

5-140 -A/B

County: **Los Angeles Co.**

USGS Quad: **33118H4**

Thomas Guide Location

702 A2

NOAA Chart: **18744**

Latitude N

3 3 57

Longitude W

118 27

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

Riprap lined channel.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A: Presence of listed species; otherwise Rank B.

### RESOURCES OF PRIMARY CONCERN

Channel serves as coastal lagoon and wetlands complex.

Seabird and waterfowl resting and foraging site including California Brown Pelican (Federal and State endangered species), and California Least Tern (Federal and State endangered species) which has a nesting colony nearby.

Invertebrates.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
O		Chevron 24 hr Dispatch	(310) 615-5172
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-140 -A/B Site Strategy - Ballona Creek

County and Thomas Guide Location

702 A2 Los Angeles Co.

NOAA CHART

18744

## 5-140 -A/B

Latitude N

Longitude W

33 57

118 27

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species foraging habitat.

### HAZARDS and RESTRICTIONS:

### SITE STRATEGIES

#### Strategy 5-140.1 Objective: Exclusion of oil entry to channel.

ACP DATE

Cross channel booming.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-140.1	500				0	1	0	0		4	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Boat launch available in Marina Del Rey. From Lincoln Blvd. (Highway 1) in Marina Del Rey, go west on Fiji Way. Boat launch is at 13477 Fiji Way in Basin H. Ballona Creek is south of and parallel to the Main Channel riprap.

**LAND ACCESS:** Parking lot at the northern terminus of Pacific Ave. in Playa Del Rey.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking All services available.

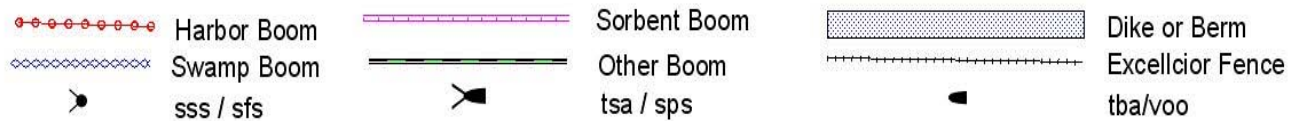
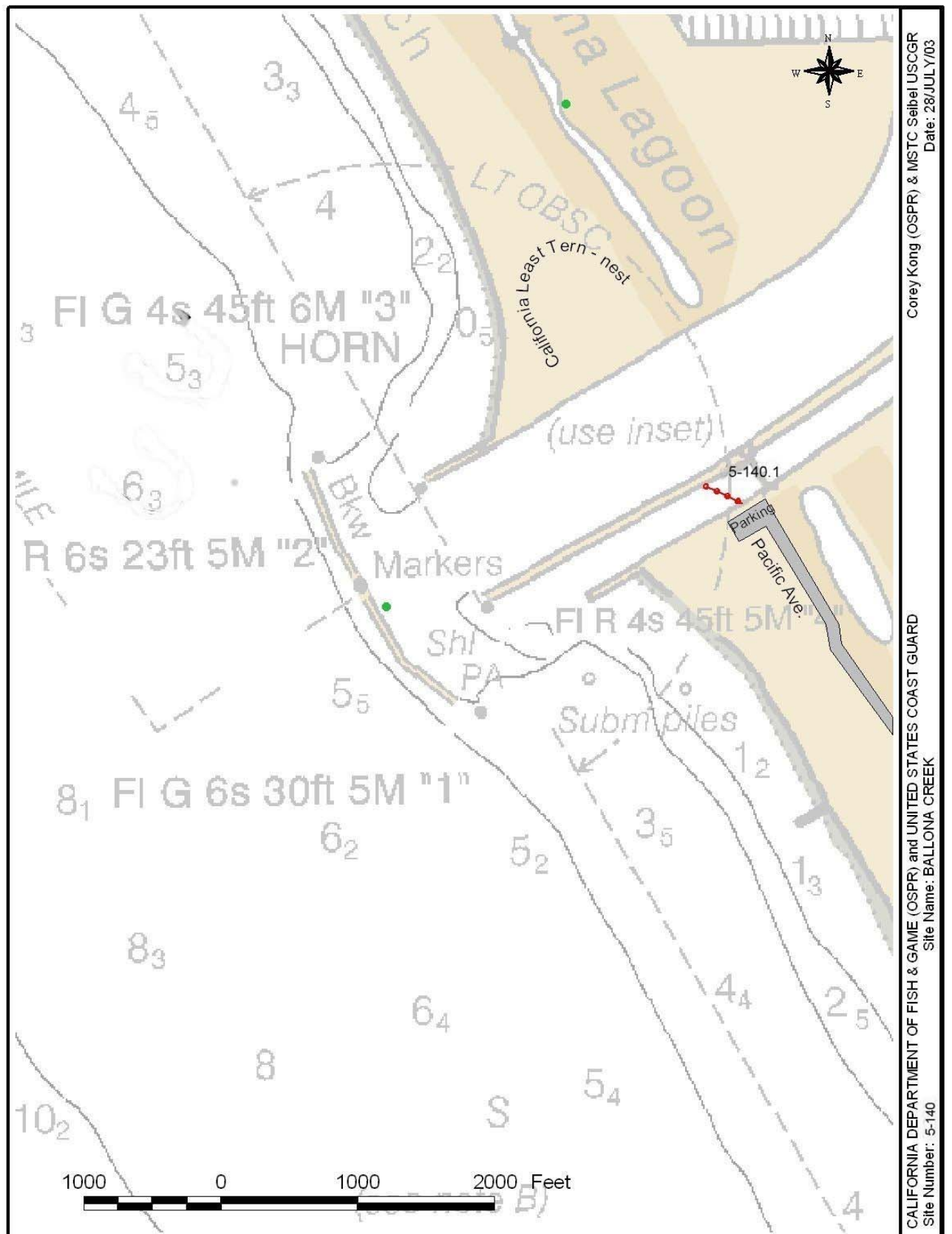
and Services Available:

#### **FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:** None.

#### **ADDITIONAL OPERATIONAL COMMENTS:**

A pedestrian bridge crosses the Ballona Creek. Chevron has a pre-staged boom at Marina Del Rey Harbor. Call Chevron's 24 hr dispatch at (310) 615-5172.



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# 5-150 -A Site Summary- Ballona Lagoon Wetlands, Del Rey Lagoon

5-150 -A

County: **Los Angeles Co.**  
USGS Quad: **33118H4**

Thomas Guide Location  
**702 A2**  
NOAA Chart: **18744**

Latitude N  
**33 57.0**  
Longitude W  
**118 27.0**

Last Page Update : 4/21/2005

## SITE DESCRIPTION:

Coastal lagoon and wetlands complex.

## SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - All year.

## RESOURCES OF PRIMARY CONCERN

Coastal lagoon and wetlands complex.

California Brown Pelican (Federal and State endangered species), California Least Tern foraging area (Federal and State endangered species), Belding's Savannah Sparrow (State endangered species), shorebirds, and waterfowl.

## CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

## KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

## ADDITIONAL SITE SUMMARY COMMENTS:

## 5-150 -A Site Strategy - Ballona Lagoon Wetlands, Del Rey Lagoon

5-150 -A

County and Thomas Guide Location  
702 A2 Los Angeles Co.

NOAA CHART  
18744

Latitude N Longitude W  
33 57.0 118 27.0

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species and wetland habitat. Responders should watch for and avoid nesting birds and minimize disturbances to vegetation. Avoid the spread of oil into the wetland through response activities.

### HAZARDS and RESTRICTIONS:

### SITE STRATEGIES

#### Strategy 5-150.1 Objective: Exclusion of oil entry to wetland.

ACP DATE

Close tidal gates.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-150.1					0	0	0	0			

### LOGISTICS

#### DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Lincoln Blvd. (Highway 1) in Marina Del Rey, go west on Culver Blvd. and north on Pacific Ave. until you reach the terminus. There will be a parking lot.

**LAND ACCESS:** From parking lot, walk east to tidal gates.

#### WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking  
and Services Available:

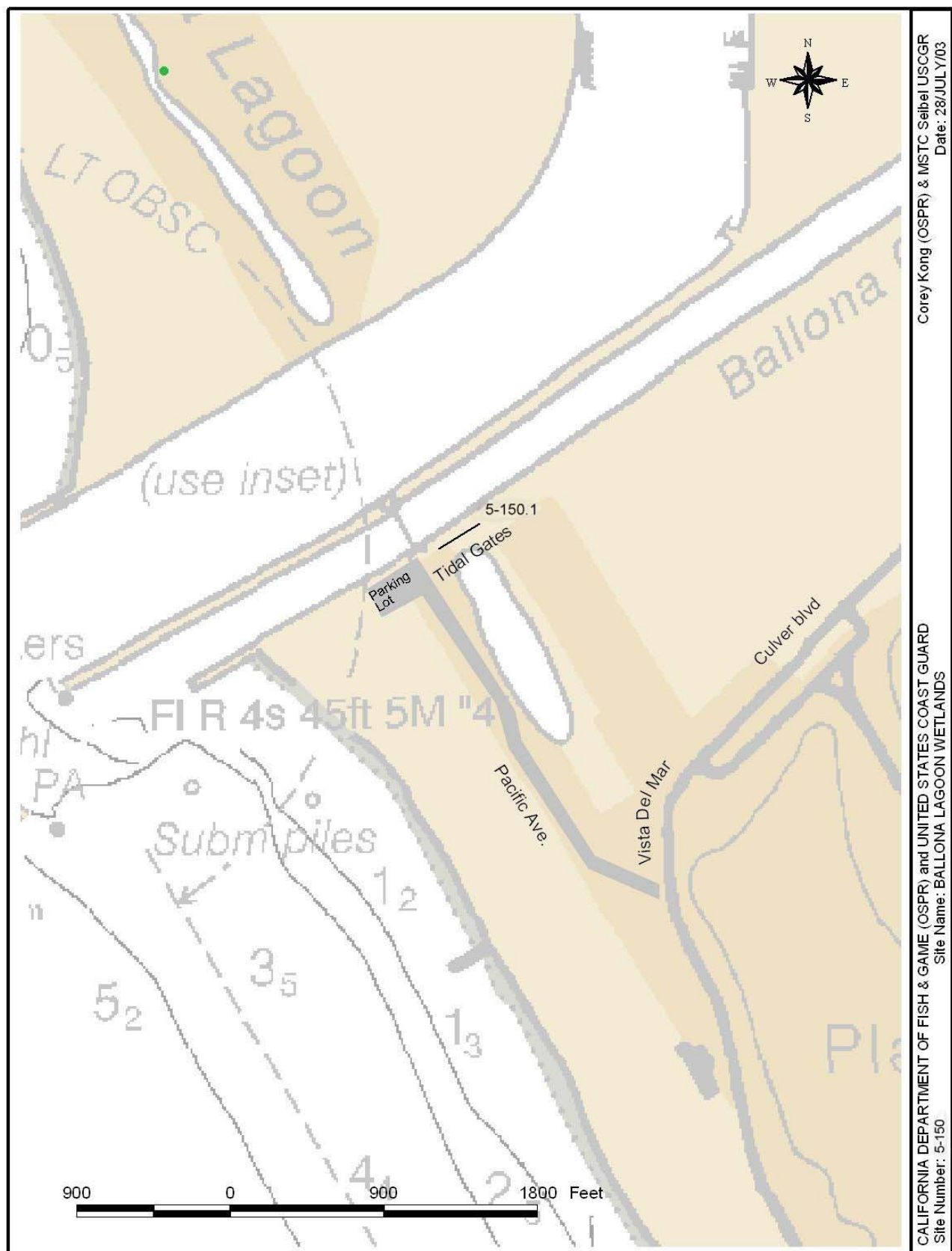
#### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

**COMMUNICATIONS PROBLEMS:** None.

#### ADDITIONAL OPERATIONAL COMMENTS:

Several locations along Old Harbor channel Land and Esplanade Ave. that have access to these areas. First responders may need bolt cutters for locks to tidal gates.





Corey Kong (OSPR) & MSTC Selbal USCGR  
Date: 28/JULY/03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: BALLONA LAGOON WETLANDS  
Site Number: 5-150

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## 5-160 -A/C Site Summary- King Harbor Breakwater

5-160 -A/C

County: **Los Angeles Co.**  
USGS Quad: **33118G4**

Thomas Guide Location  
**762 G4**  
NOAA Chart: **18744**

Latitude N  
**33 51.0**

Longitude W  
**118 24.0**

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

Long curving riprap seawall up to 10 feet above mean lower low water.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Presence of listed species; otherwise Rank C.

### RESOURCES OF PRIMARY CONCERN

Seabird roosting site. During the night, this is a major Brown Pelican roosting site.

California Brown Pelican (Federal and State endangered species).

California Sea Lion.

Invertebrates.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		L.A. County Lifeguard	(323) 881-6105
O		King Harbor Harbormaster	(310) 318-0632
O		Los Angeles County Fire Dept.	(310) 679-1131
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-160 -A/C Site Strategy - King Harbor Breakwater

5-160 -A/C

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

762 G4 Los Angeles Co.

18744

33 51.0 118 24.0

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species roosting habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

**Strategy 5-160.1** **Objective: Open water containment and recovery to prevent oil from reaching the breakwater.**

ACP DATE

Use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-160.1			1500 Ocea		0	4	0	0		8	

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Boat hoist available in King Harbor. From PCH in Redondo Beach, go west on Beryl St. until you reach the parking lot.

Boat hoist is adjacent to the Harbor Master's office.

**LAND ACCESS:** Access best by boat.

**WATER LOGISTICS:** Heavy small boat traffic.

Limitations: depth, obstruction

Launching, Loading, Docking Boat hoist for boats less than 30 ft and less than 10,000 lbs. All services available.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:** None.

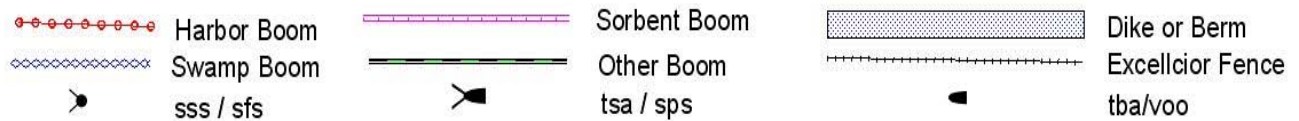
**ADDITIONAL OPERATIONAL COMMENTS:**

Consider safety of personnel attempting access to breakwater.



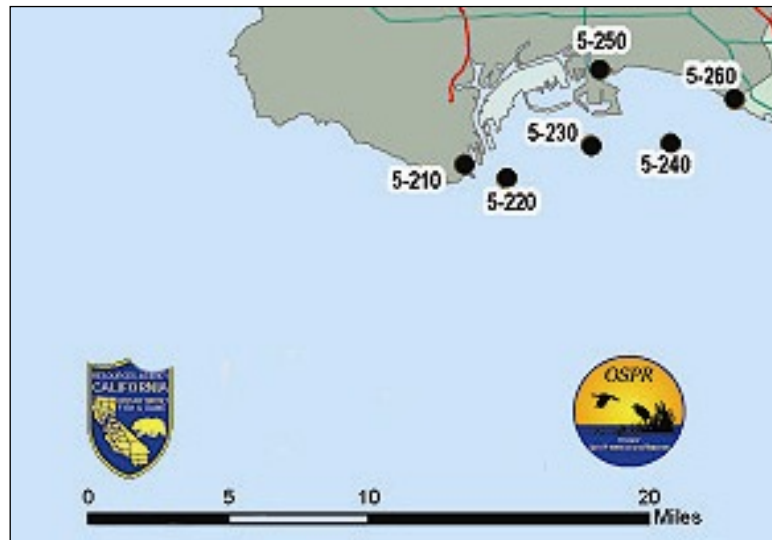
Corey Kong (OSPR) & MSTC Selbal USCGR  
Date: 28/JUL Y/03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: KING HARBOR BREAKWATER  
Site Number: 5-160



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## 9841.1 Sensitive Site Summary and Strategy Sheets (cont.)



**Index Map – Los Angeles/Long Beach Harbors Environmentally Sensitive Sites**

<b>Site #</b>	<b>Site Name</b>	<b>Page #</b>
5-210-A	Cabrillo Beach Wetlands	9841.1 - 35
5-220-A/C	Los Angeles Harbor Breakwater	9841.1 - 39
5-230-A/C	Middle Breakwater	9841.1 - 43
5-240-A/C	Long Beach Harbor Breakwater	9841.1 - 47
5-250-A	Golden Shore Marine Reserve	9841.1 - 51
5-260-A	Alamitos Bay/Los Cerritos Wetlands	9841.1 - 55

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**5-210 -A Site Summary- Carbrillo Beach Wetlands****5-210 -A**

County: **Los Angeles Co.**  
USGS Quad: **33118F3**

Thomas Guide Location  
**854 C1**  
NOAA Chart: **18749**

Latitude N  
**33 42.0**  
Longitude W  
**118 17.0**

Last Page Update : 4/21/2005
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**SITE DESCRIPTION:**

Small wetland adjacent to Cabrillo Beach. Sheltered habitat within Los Angeles Harbor.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year. California Least Tern - April to September.

**RESOURCES OF PRIMARY CONCERN**

Mudflat-marsh ecosystem with resting and feeding waterfowl, seabirds, and shorebirds.

California Least Tern (Federal and State endangered species), California Brown Pelican (Federal and State endangered species), shorebirds, waterfowl, and seabirds.

Invertebrates.

Intertidal mudflat.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
O		Los Angeles Port Police	(310) 732-3500
O		Los Angeles City Fire Dept.	(800) 688-8000
O		L.A. County Lifeguard	(323) 881-6105
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Cabrillo Marine Aquarium	(310) 548-7562
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-210 -A Site Strategy - Carbrillo Beach Wetlands

5-210 -A

County and Thomas Guide Location  
854 C1 Los Angeles Co.

NOAA CHART  
18749

Latitude N Longitude W  
33 42.0 118 17.0

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species and wetland habitat. Responders should watch for and avoid nesting birds and minimize disturbances to vegetation. Avoid the spread of oil into the wetland through response activities.

### HAZARDS and RESTRICTIONS:

### SITE STRATEGIES

#### Strategy 5-210.1 Objective: Exclusion of oil entry to wetland.

ACP DATE

Boom (100') to prevent oil entry to inlet.

#### Strategy 5-210.2 Objective: Exclusion of oil entry to wetland.

ACP DATE

Boom (600') boom may be placed to move oil to a collection point.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-210.1	100				0	0	0	0		2	
5-210.2	600				0	1	0	0		4	

### LOGISTICS

#### **DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Wetland and boat launch are adjacent to each other. From Pacific Ave. in San Pedro, go east on Stephen M. White Drive until you enter Cabrillo Beach. Go to the north end of the parking lot.

#### **LAND ACCESS:**

**WATER LOGISTICS:** Shallow water. Heavy small boat traffic.

Limitations: depth, obstruction

Launching, Loading, Docking All services available.

and Services Available:

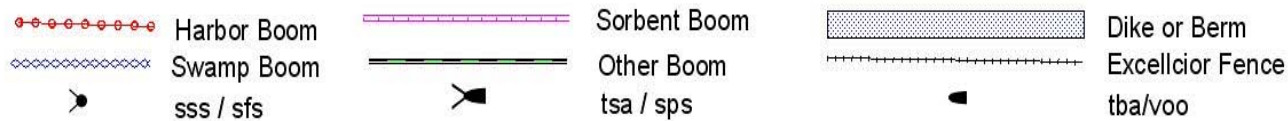
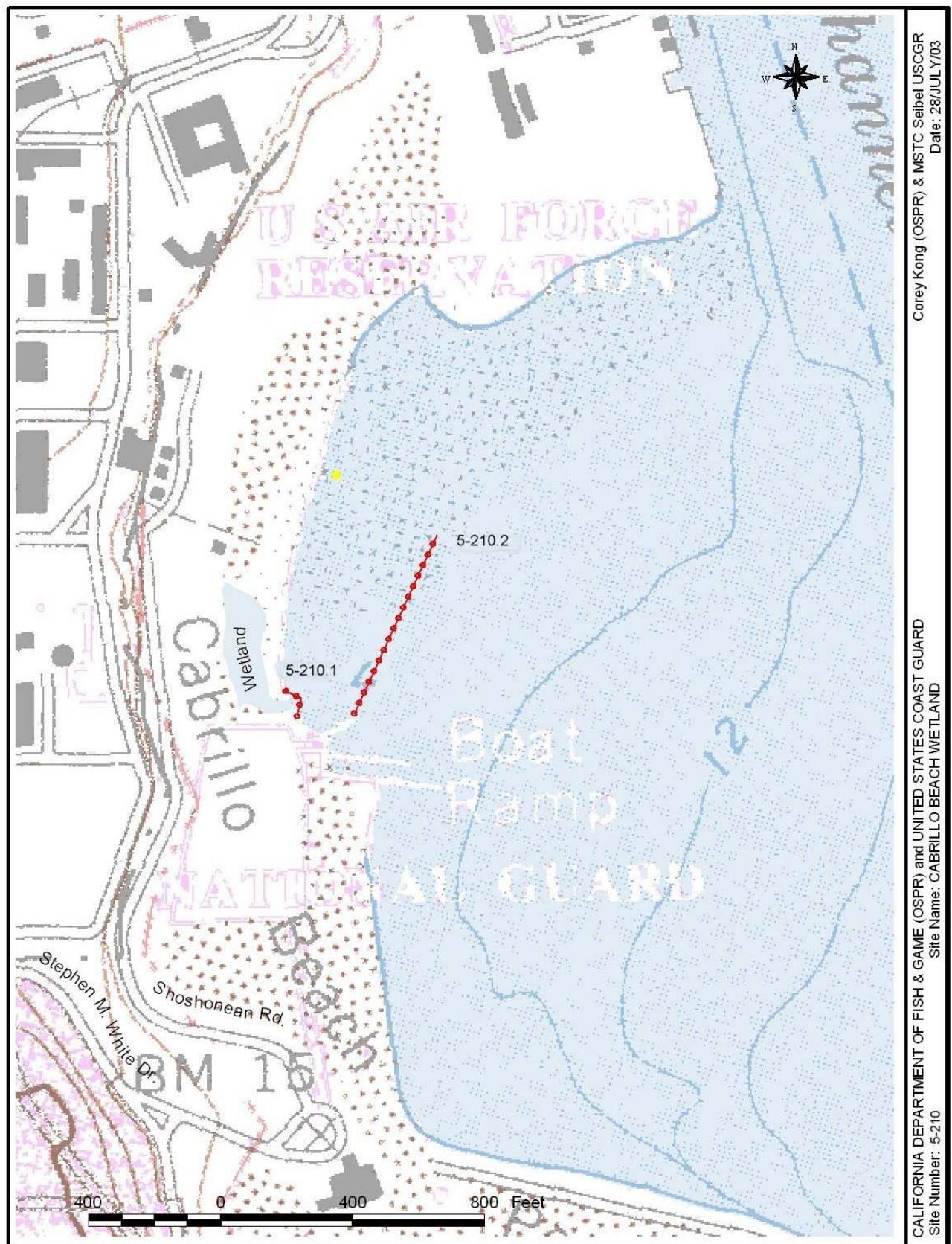
#### **FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

A 100' section of boom is immediately available at the Cabrillo Marine Aquarium which can be deployed by museum personnel.

**COMMUNICATIONS PROBLEMS:** None.

#### **ADDITIONAL OPERATIONAL COMMENTS:**

There are several locations available along Stephen White Dr., Shishoean Rd., and Oliver Victor Circle that have access to the beach.



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## 5-220 -A/C Site Summary- Los Angeles Harbor Breakwater

5-220 -A/C

County: **Los Angeles Co.**  
USGS Quad:

Thomas Guide Location  
854 E3  
NOAA Chart: **18751**

Latitude N  
3 3 42  
Longitude W  
118 16

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

This site consists of the entire breakwater marked as the Los Angeles Breakwater on the Los Angeles and Long Beach NOAA Nautical Chart # 18751. This rocky rip rap structure protects the inner portions of Los Angeles and Long Beach Harbor from waves and chop.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Presence of listed species. Spiny Lobster fishery is October through March (contact the Dept. of Fish and Game for exact fishing season information).

### RESOURCES OF PRIMARY CONCERN

Seabird roosting site. During the night, this is a major Brown Pelican roosting site.

California Brown Pelican (Federal and State endangered species).

California Sea Lion.

Spiny Lobster and finfish.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Los Angeles Port Police	(310) 732-3500
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-220 -A/C Site Strategy - Los Angeles Harbor Breakwater

County and Thomas Guide Location

854 E3 Los Angeles Co.

NOAA CHART

18751

## 5-220 -A/C

Latitude N

Longitude W

33 42

118 16

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species roosting habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

**Strategy 5-220.1** **Objective: Open water containment and recovery to prevent oil from reaching the breakwater.**

ACP DATE

Use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-220.1		0	3750 Ocea	0	0	10	0	0	0	20	

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Boat launch available at Cabrillo Beach. From Pacific Ave. in San Pedro, go east on Stephen M. White Drive until you enter Cabrillo Beach. Go to the north end of the parking lot.

**LAND ACCESS:** Access best by boat.

**WATER LOGISTICS:** Heavy boat traffic (all sizes of vessels).

Limitations: depth, obstruction

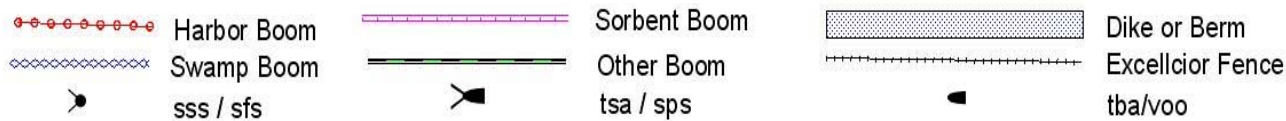
Launching, Loading, Docking All services available.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:** None.

**ADDITIONAL OPERATIONAL COMMENTS:**





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## 5-230 -A/C Site Summary- Middle Breakwater

5-230 -A/C

County: **Los Angeles Co.**  
USGS Quad:

Thomas Guide Location  
854 J1  
NOAA Chart: **18751**

Latitude N  
33 42.01  
Longitude W  
118 14.01

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

This site consists of the entire breakwater marked as the Middle Breakwater on the Los Angeles and Long Beach NOAA Nautical Chart # 18751. This rocky rip rap structure protects the inner portions of Los Angeles and Long Beach Harbor from waves and chop.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Presence of listed species. Spiny Lobster fishery is October through March (contact the Dept. of Fish and Game for exact fishing season information).

### RESOURCES OF PRIMARY CONCERN

Seabird roosting site. During the night, this is a major Brown Pelican roosting site.

California Brown Pelican (Federal and State endangered species), terns, gulls, and migratory birds.

California Sea Lion.

Spiny Lobster and finfish.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Port of Long Beach Police	(562) 590-4185
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-230 -A/C Site Strategy - Middle Breakwater

County and Thomas Guide Location  
854 J1 Los Angeles Co.

NOAA CHART  
18751

## 5-230 -A/C

Latitude N Longitude W  
33 42.01 118 14.01

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species roosting habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

**Strategy 5-230.1** **Objective: Open water containment and recovery to prevent oil from reaching the breakwater.**

ACP DATE

Use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment No and kinds	staff deploy	Staff tend
5-230.1		0	3750 Ocea	0	0		10	0	0	0		20	

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Boat launch available at Cabrillo Beach. From Pacific Ave. in San Pedro, go east on Stephen M. White Drive until you enter Cabrillo Beach. Go to the north end of the parking lot.

**LAND ACCESS:** Access by boat only.

**WATER LOGISTICS:** Heavy boat traffic (all sizes of vessels).

Limitations: depth, obstruction

Launching, Loading, Docking All services available.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**










**COMMUNICATIONS PROBLEMS:** None.

**ADDITIONAL OPERATIONAL COMMENTS:**



GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: MIDDLE BREAKWATER

CALIFORNIA DEPARTMENT OF  
Site Number: 5-230

- |   |             |   |              |  |                 |
|---|-------------|---|--------------|--|-----------------|
|  | Harbor Boom |  | Sorbent Boom |  | Dike or Berm    |
|  | Swamp Boom  |  | Other Boom   |  | Excellior Fence |
|  | sss / sfs   |  | tsa / sps    |   | tba/voo         |

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## 5-240 -A/C Site Summary- Long Beach Harbor Breakwater

5-240 -A/C

County: **Los Angeles Co.**

Thomas Guide Location

825 H7

Latitude N

33 43.00

Longitude W

118 10.01

USGS Quad:

NOAA Chart: **18751**

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

This site consists of the entire breakwater marked as the Long Beach Breakwater on the Los Angeles and Long Beach NOAA Nautical Chart # 18751. This rocky rip rap structure protects the inner portions of Los Angeles and Long Beach Harbor from waves and chop.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Presence of listed species. Spiny Lobster fishery is October through March (contact the Dept. of Fish and Game for exact fishing season information).

### RESOURCES OF PRIMARY CONCERN

Seabird roosting site. During the night, this is a major Brown Pelican roosting site.

California Brown Pelican (Federal and State endangered species), terns, gulls, and migratory birds.

California Sea Lion.

Spiny Lobster and finfish.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Port of Long Beach Police	(562) 590-4185
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-240 -A/C Site Strategy - Long Beach Harbor Breakwater

County and Thomas Guide Location  
825 H7 Los Angeles Co.

NOAA CHART  
18751

## 5-240 -A/C

Latitude N Longitude W  
33 43.00 118 10.01

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species roosting habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

Strategy 5-240.1 **Objective: Open water containment and recovery to prevent oil from reaching the breakwater.**

ACP DATE

Use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-240.1		0	3750 Ocea	0	0	10	0	0	0		20

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Boat launching at 590 Queensway Drive. From Ocean Blvd. in Long Beach, go south on Queensway Bay and then west on Queensway Dr.

**LAND ACCESS:** Access by boat only.

**WATER LOGISTICS:** Heavy boat traffic (all sizes of vessels).

Limitations: depth, obstruction

Launching, Loading, Docking All services available.  
and Services Available:







**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:** None.

**ADDITIONAL OPERATIONAL COMMENTS:**



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: LONG BEACH BREAKWATER  
Site Number: 5-240

- |   |             |   |              |  |                 |
|---|-------------|---|--------------|--|-----------------|
|  | Harbor Boom |  | Sorbent Boom |  | Dike or Berm    |
|  | Swamp Boom  |  | Other Boom   |  | Excellior Fence |
| sss / sfs   |             | tsa / sps   |              | tba/voo  |                 |

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**5-250 -A Site Summary- Golden Shore Marine Reserve****5-250 -A**

County: **Los Angeles Co.**  
USGS Quad:

Thomas Guide Location  
**825 C1**  
NOAA Chart: **18749**

Latitude N  
33 45.01  
Longitude W  
118 12.00

Last Page Update : 4/21/2005
------------------------------

**SITE DESCRIPTION:**

This tidal saltmarsh was constructed as mitigation for impacts from the Queensway Bay project. The area is primarily a mud flat during low tides with fringing vegetation. During the highest tides, a major portion of the wetland is flooded.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year.

**RESOURCES OF PRIMARY CONCERN**

Coastal lagoon and wetlands complex with resting and feeding seabirds, shorebirds, and waterfowl.

California Brown Pelican (Federal and State endangered species), California Least Tern (Federal and State endangered species), Belding's Savannah Sparrow (State endangered species), waterfowl, and shorebirds.

Juvenile California Halibut and other finfish species.

Intertidal mudflat.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
O		Long Beach Fire Dept. (24 hr)	(562) 570-9400
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-250 -A Site Strategy - Golden Shore Marine Reserve

5-250 -A

County and Thomas Guide Location  
825 C1 Los Angeles Co.

NOAA CHART  
18749

Latitude N Longitude W  
33 45.01 118 12.00

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species and wetland habitat. Responders should watch for and avoid nesting birds and minimize disturbances to vegetation. Avoid the spread of oil into the wetland through response activities.

### HAZARDS and RESTRICTIONS:

### SITE STRATEGIES

#### Strategy 5-250.1 Objective: Exclusion of oil entry to wetland.

ACP DATE

Boom to prevent oil entry to inlet. Support with sorbent boom inside harbor boom.

#### Strategy 5-250.2 Objective: Exclusion of oil entry to wetland.

ACP DATE

Cross channel deflection boom to boat ramp on north side of channel.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment No and kinds	staff deploy	Staff tend
5-250.1	200	0	0	200	0		0	0	0		0	2	
5-250.2	2000	0	0	0	4	Danforth 40 lb	1	0	0		0	4	

### LOGISTICS

#### **DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

To site: from Ocean Blvd. in Long Beach, go south on Golden Shore to the parking lot adjacent to wetland. To boat launch: from Ocean Blvd., go south on Queensway Bay and then west to 590 Queensway Dr.

#### **LAND ACCESS:**

**WATER LOGISTICS:** Shallow water and strong currents.

Limitations: depth, obstruction

Launching, Loading, Docking All services available.

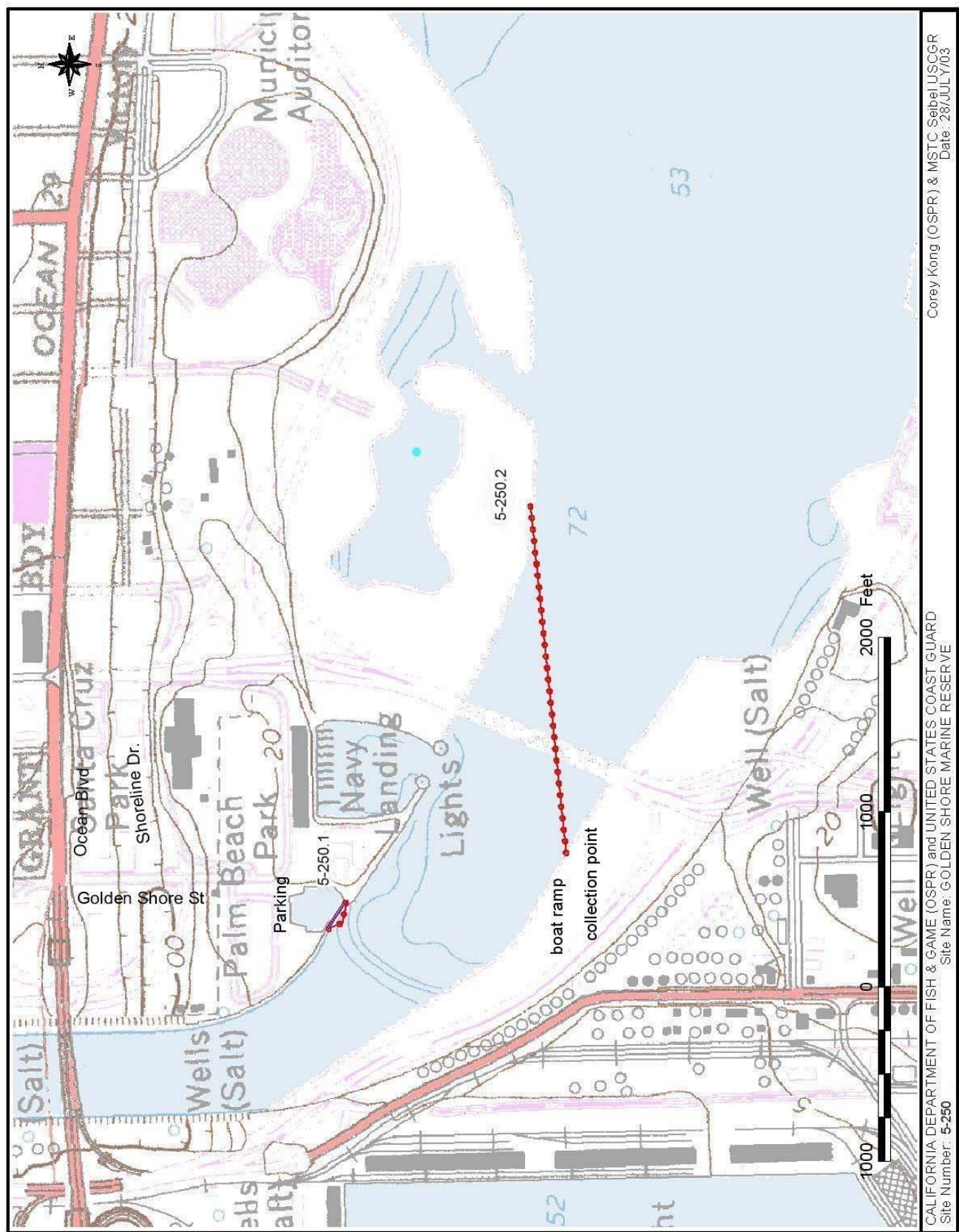
and Services Available:

#### **FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:** None.

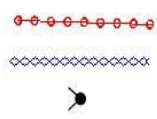
#### **ADDITIONAL OPERATIONAL COMMENTS:**

The site has a permanent exclusion boom at the opening to the wetland.

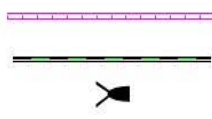


Corey Kong (OSPR) & MSTC Seibel/USCGR  
Date: 28JULY03

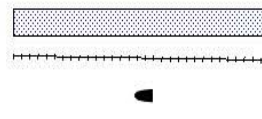
CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: GOLDEN SHORE MARINE RESERVE  
Site Number: 5-250



Harbor Boom  
Swamp Boom  
sss / sfs



Sorbent Boom  
Other Boom  
tsa / sps



Dike or Berm  
Excellior Fence  
tba/voo

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**5-260 -A Site Summary- Alamitos Bay/Los Cerritos Wetlands****5-260 -A**County: **Los Angeles Co.**

Thomas Guide Location

826 D4

Latitude N

33 44.1

Longitude W

118 06.1

USGS Quad: **33118G1**NOAA Chart: **18749**

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

Developed coastal embayment. Many marinas/boat slips but still contains a large area of sand and mud shoreline, particularly inside seawall and deep in back bay.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year.

**RESOURCES OF PRIMARY CONCERN**

Coastal lagoon and wetlands complex.

California Brown Pelican (Federal and State endangered species) shorebirds, seabirds, and waterfowl.

Juvenile California Halibut and other finfish species. Green Sea Turtle.

Intertidal mudflat.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
O		LA Dept. of Water & Power	(562) 431-2578
O		AES Power	(562) 493-7891
O		Long Beach Fire Dept. (24 hr)	(562) 570-9400
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Long Beach Lifeguards (8 am - 6 pm)	(562) 570-1360
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-260 -A Site Strategy - Alamitos Bay/Los Cerritos Wetlands

County and Thomas Guide Location  
826 D4 Los Angeles Co.

NOAA CHART  
18749

## 5-260 -A

Latitude N Longitude W  
33 44.1 118 06.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered and sensitive species and wetland habitat.

### HAZARDS and RESTRICTIONS:

### SITE STRATEGIES

#### Strategy 5-260.1 Objective: Exclusion of oil entry to Alamitos Bay.

ACP DATE

Boom to prevent oil entry to bay. Harbor boom (800') stored at Alamitos Bay Yacht Club. Anchor points on both sides of channel.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-260.1	800	0	0	0	0	1	0	0		2	

### LOGISTICS

#### DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Boat launch available at Alamitos Bay. From PCH in Long Beach, go west on Second St. Boat launch is at 6201 E. Second St.

**LAND ACCESS:** Parking lot at 72nd Pl. and Ocean Blvd.

**WATER LOGISTICS:** Strong currents. Heavy small boat traffic.

Limitations: depth, obstruction

Launching, Loading, Docking All services available.  
and Services Available:

#### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

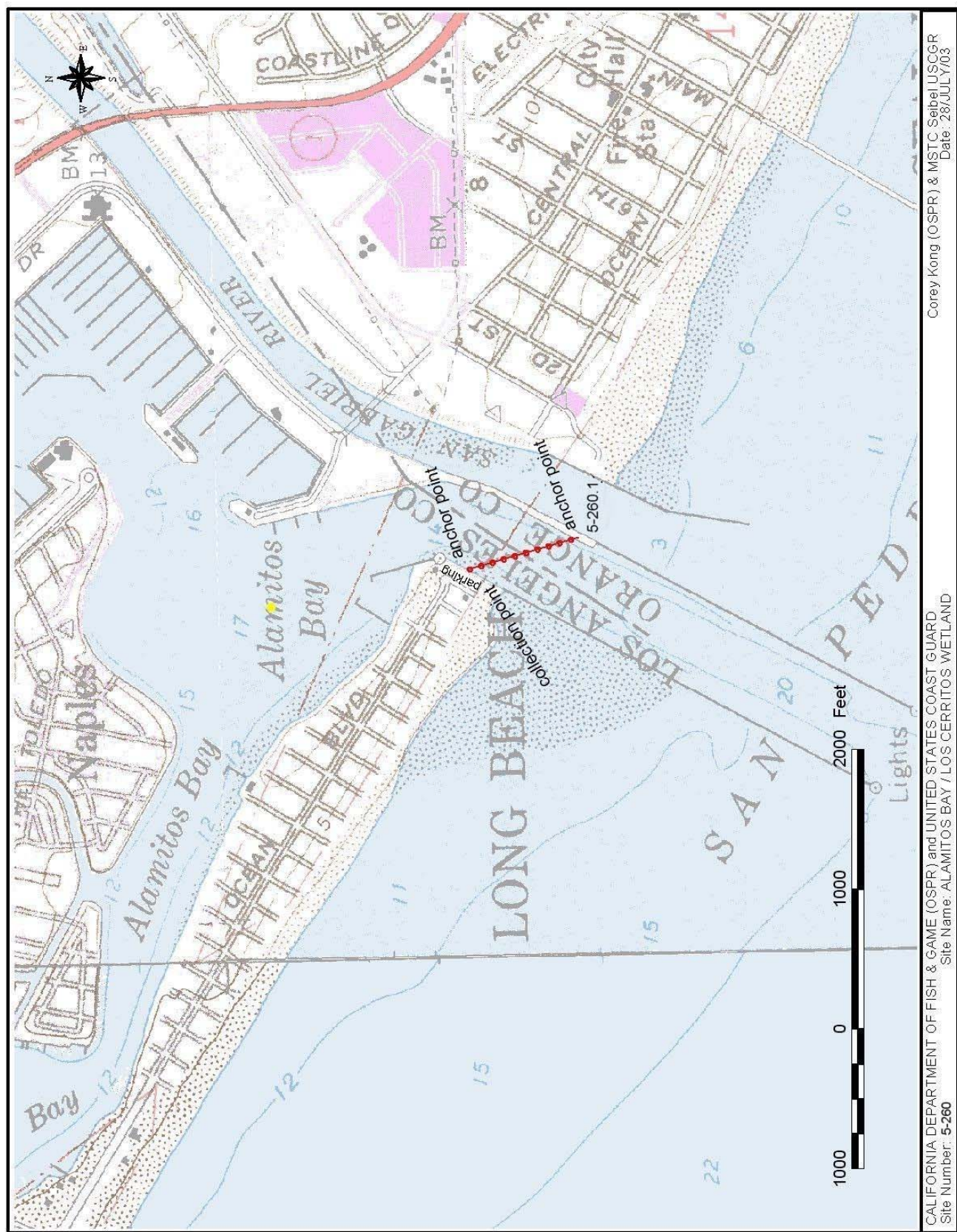
Pre-staged booms available adjacent to the Alamitos Bay Yacht Club at Ocean Blvd. and 72nd Place. There is parking and staging at public parking lot.

**COMMUNICATIONS PROBLEMS:** None.

#### ADDITIONAL OPERATIONAL COMMENTS:

800 feet of 20" boom is pre-staged in storage containers located at the Alamitos Bay Yacht Club to be used to close off the channel. The boom can be deployed by Long Beach Lifeguards. There are several locations along Marina Dr. and Ocean Blvd. that have access to the beach.





Corey Kong (OSPR) & MSTC Seibel/USCGR  
Date: 28JULY03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: ALAMITOS BAY / LOS CERRITOS WETLAND  
Site Number: 5-260

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## 9841.1 Sensitive Site Summary and Strategy Sheets (cont.)



**Index Map – Los Angeles – Islands Environmentally Sensitive Sites**

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5-430-A	Ship Rock – Catalina Island	9841.1 - 69
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5-510-A	San Nicolas Island	9841.1 - 89
5-550-A	Santa Barbara Island	9841.1 - 93

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## 5-410 -A/B Site Summary- Arrow Point - Catalina Island

5-410 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N  
33 28.6

Longitude W  
118 32.3

USGS Quad: **33118D5**

NOAA Chart: **18757**

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

Small harbor on back-side of Catalina Island, with a wetland west of Arrow Point. Contains area of extensive Harbor Seal haul-out and pupping. Inner portion has a small marshland adjacent.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

### RESOURCES OF PRIMARY CONCERN

Harbor Seal pupping beaches.

California Brown Pelican (Federal and State endangered species) and Bald Eagle (Federal and State endangered species).

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-410 -A/B Site Strategy - Arrow Point - Catalina Island

5-410 -A/B

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

Los Angeles Co.

18757

33 28.6 118 32.3

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

**Strategy 5-410.1** **Objective: Open water containment and recovery to prevent oil from reaching the shoreline.**

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-410.1			2250 Ocea		0	6	0	0		12	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

### WATER LOGISTICS:

Limitations: depth, obstructions

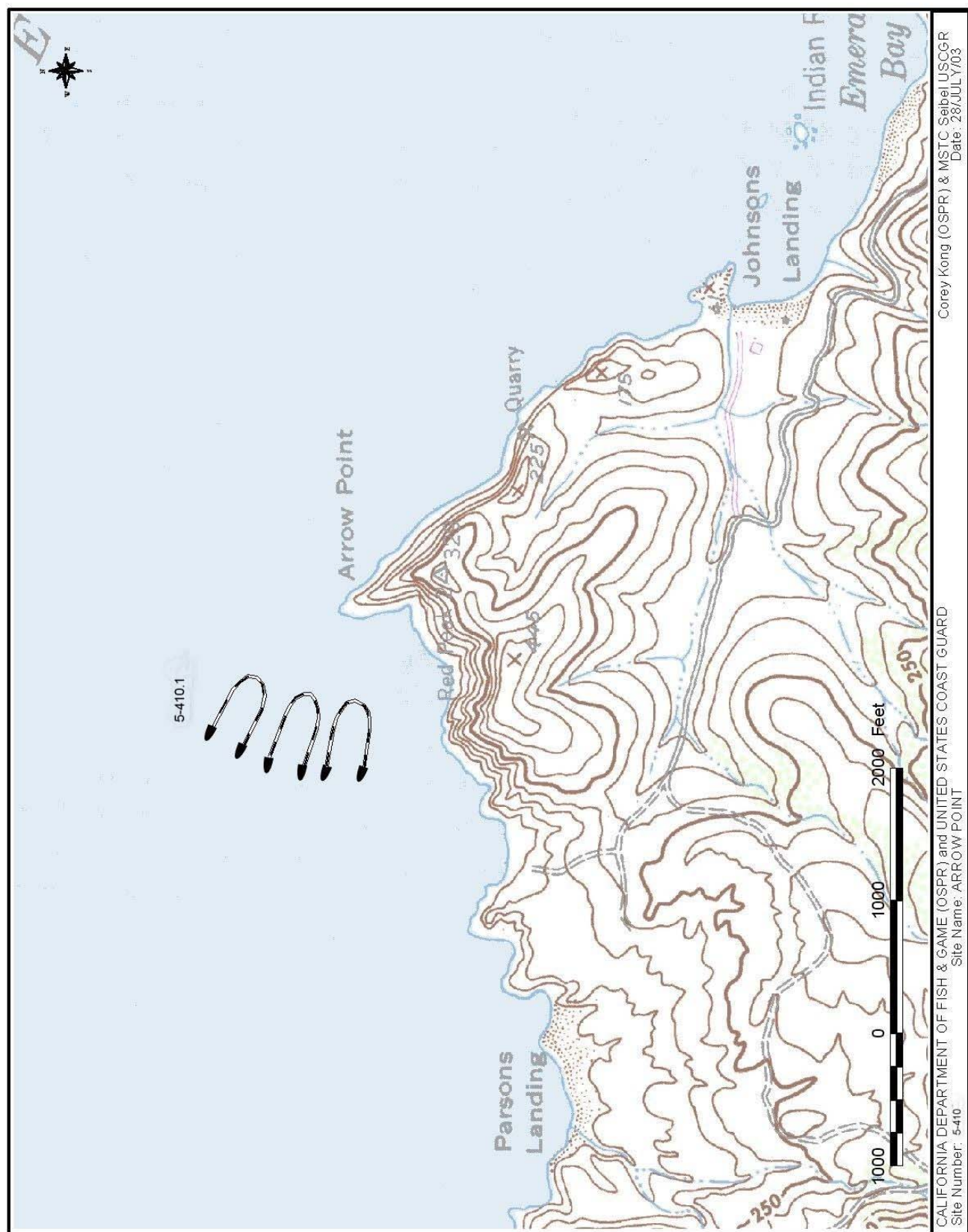
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

### COMMUNICATIONS PROBLEMS:

### ADDITIONAL OPERATIONAL COMMENTS:

Small aircraft can fly to Catalina Island.



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**5-420 -A/B Site Summary- Catalina Island Harbor - Catalina Island****5-420 -A/B**County: **Los Angeles Co.**

Thomas Guide Location

Latitude N  
33 25.1Longitude W  
118 30.1USGS Quad: **3318D5**NOAA Chart: **18757**

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

Small harbor on seaward side of Catalina Island. Contains areas of extensive Harbor Seal haul-out and pupping. Inner portion has a small marshland adjacent.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - Feb. to June. Rank B - Rest of year.

**RESOURCES OF PRIMARY CONCERN**

Harbor Seal haul-out and pupping area.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-420 -A/B Site Strategy - Catalina Island Harbor - Catalina Island

5-420 -A/B

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

Los Angeles Co.

18757

33 25.1 118 30.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-420.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Strategy 5-420.2 Objective: The primary objective is to deflect oil to a collection point to minimize shoreline clean-up and more ecological damage.

ACP DATE

Use deflection boom in a cascade pattern to move oil into a collection point for a skimmer.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-420.1			1500 Ocea		0	4	0	0		12	
5-420.2	4000				0	4	0	0		8	

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Access by boat and land.

**LAND ACCESS:** Access best by boat.

### WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

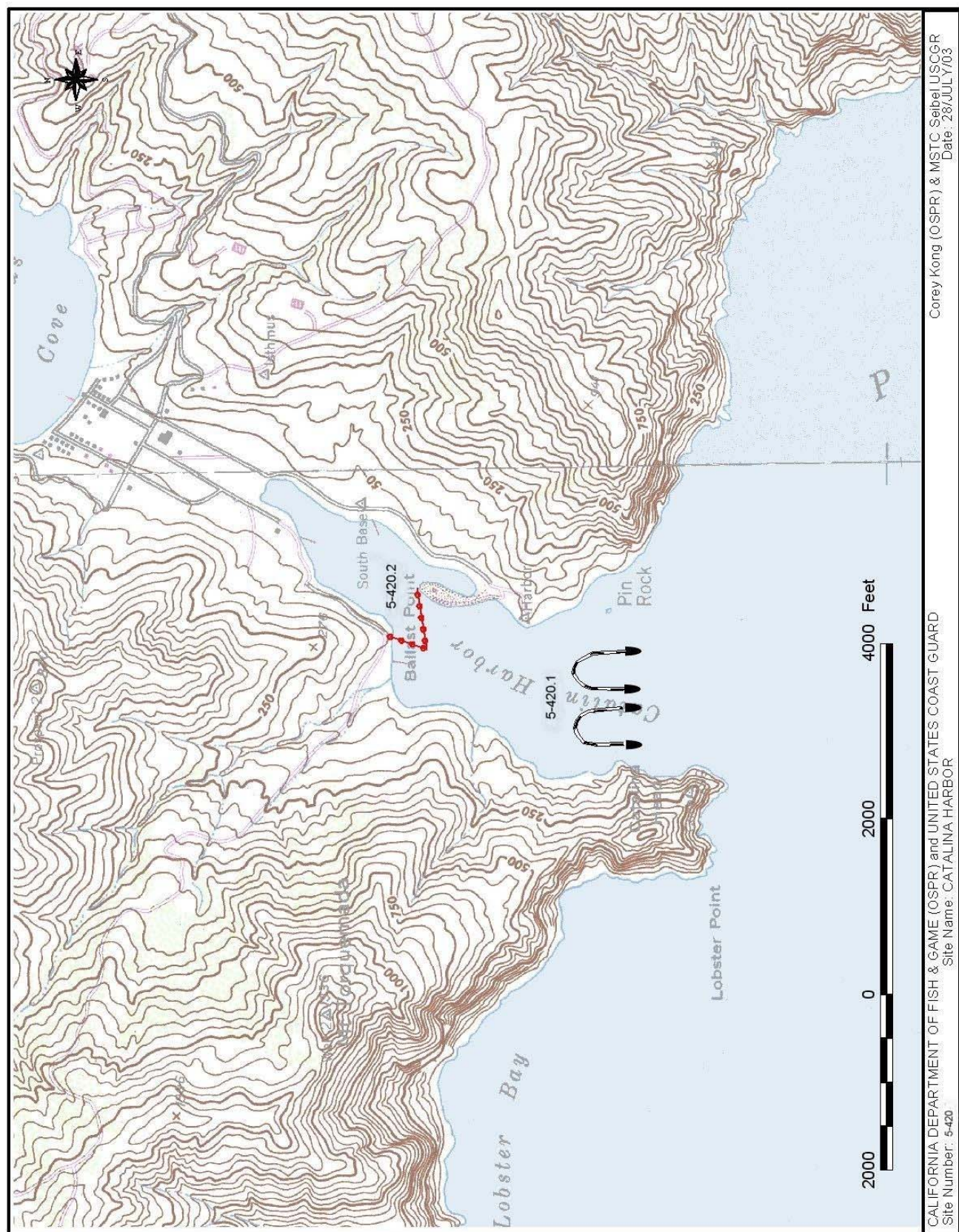
### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

### COMMUNICATIONS PROBLEMS:

### ADDITIONAL OPERATIONAL COMMENTS:

Small aircraft can fly to Catalina Island.





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**5-430 -A Site Summary- Ship Rock - Catalina Island****5-430 -A**County: **Los Angeles Co.**

Thomas Guide Location

Latitude N  
33 27.2Longitude W  
118 29.1USGS Quad: **33118D4**NOAA Chart: **18757**

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

Large offshore rock that is sail shaped and quite steep.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year.

**RESOURCES OF PRIMARY CONCERN**

Seabird roosting site.

California Brown Pelican (Federal and State endangered species) and Cormorants.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-430 -A Site Strategy - Ship Rock - Catalina Island

County and Thomas Guide Location

Los Angeles Co.

NOAA CHART

18757

## 5-430 -A

Latitude N Longitude W

33 27.2 118 29.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered species nesting and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

#### Strategy 5-430.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-430.1			1500 Ocea		0	4	0	0		8	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access by boat only.

**LAND ACCESS:** Access by boat only.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

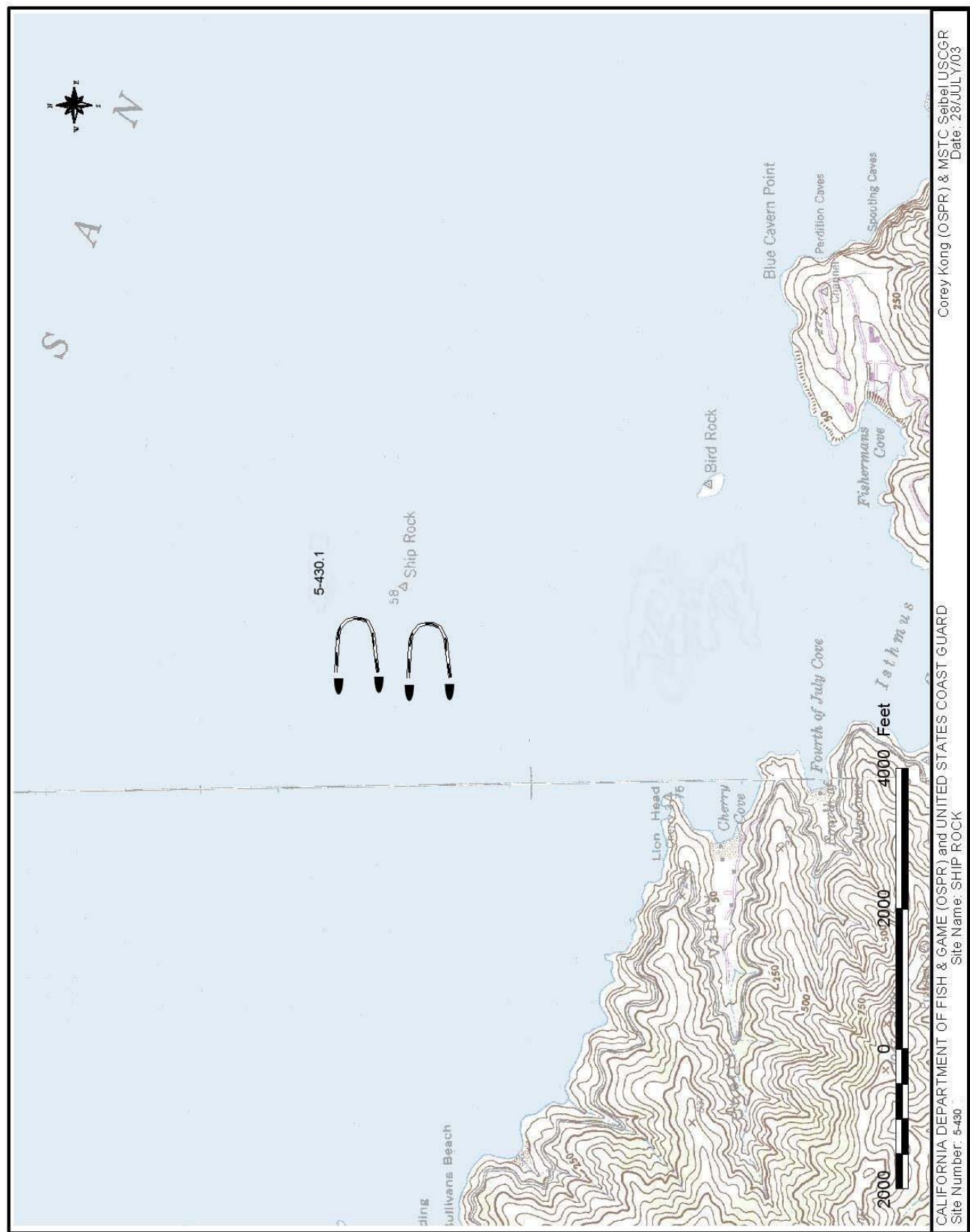
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**





Harbor Boom



Swamp Boom



sss / sfs



Sorbent Boom



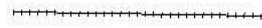
Other Boom



tsa / sps



Dike or Berm



Excelsior Fence



tba/voo

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**5-440 -A Site Summary- Bird Rock - Catalina Island****5-440 -A**County: **Los Angeles Co.**

Thomas Guide Location

Latitude N  
33 27.2Longitude W  
118 29.1USGS Quad: **33118D4**NOAA Chart: **18757**

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

Large dome shaped offshore rock.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year for roosting. Spring - nesting.

**RESOURCES OF PRIMARY CONCERN**

Seabird roosting site.

California Brown Pelican (Federal and State endangered species) and Cormorants.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-440 -A Site Strategy - Bird Rock - Catalina Island

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

## 5-440 -A

Latitude N Longitude W  
33 27.2 118 29.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered species nesting and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

#### Strategy 5-440.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-440.1			1500 Ocea		0	4	0	0		8	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access by boat only.

**LAND ACCESS:** Access by boat only.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**





## Harbor Boom

## Swamp Boom



sss / sfs

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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## Sorbent Boom

## Other Boom



tsa / sps

\_\_\_\_\_

Dike or Berm

## Excellcior Fence



tba/voo

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# 5-450 -A/B Site Summary- China Point - Catalina Island

5-450 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N  
33 19.2

Longitude W  
118 27.2

USGS Quad: **33118C4**

NOAA Chart: **18757**

Last Page Update : 4/21/2005

## SITE DESCRIPTION:

Rocky beach with shallow haul-out area for Harbor Seals and California Sea Lions and Harbor Seal pupping.

## SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

## RESOURCES OF PRIMARY CONCERN

Harbor Seal and California Sea Lion haul-out. Harbor Seal pupping beach.

## CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

## KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

## ADDITIONAL SITE SUMMARY COMMENTS:

## 5-450 -A/B Site Strategy - China Point - Catalina Island

County and Thomas Guide Location

Los Angeles Co.

NOAA CHART

18757

## 5-450 -A/B

Latitude N Longitude W

33 19.2 118 27.2

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-450.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-450.1			3000 Ocea		0	8	0	0		16	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

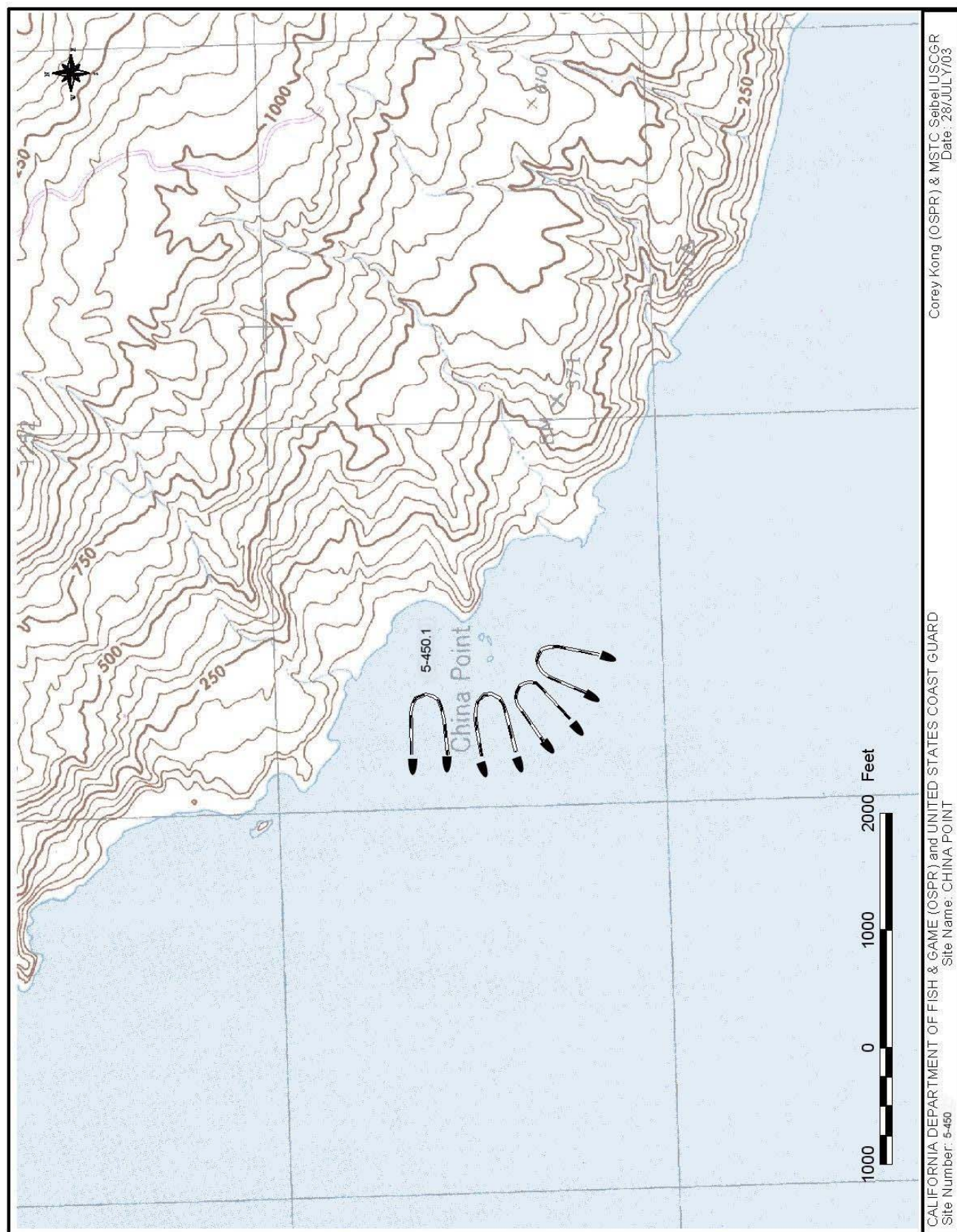
**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.





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## 5-460 -A/B Site Summary- Salta Verde Point - Catalina Island

5-460 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N  
33 18.1

Longitude W  
118 25.1

USGS Quad: **33118C4**

NOAA Chart: **18757**

Last Page Update : 4/21/2005

### SITE DESCRIPTION:

Rocky and sandy beach with an extensive haul-out area for Harbor Seal pupping.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

### RESOURCES OF PRIMARY CONCERN

Harbor Seal pupping beach.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-460 -A/B Site Strategy - Salta Verde Point - Catalina Island

5-460 -A/B

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

Los Angeles Co.

18757

33 18.1 118 25.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-460.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-460.1			3750 Ocea		0	10	0	0		20	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

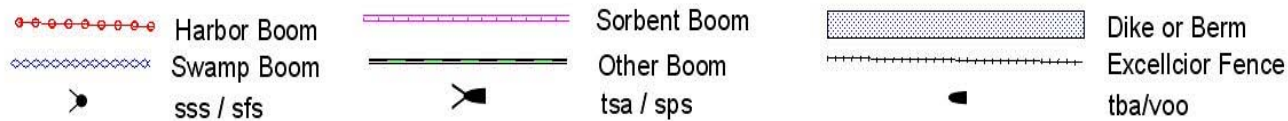
**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.





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# 5-470 -A/B Site Summary- Seal Rocks - Catalina Island

5-470 -A/B

County: Los Angeles Co.

Thomas Guide Location

Latitude N  
33 18.1

Longitude W  
118 18.1

USGS Quad: 33118C3

NOAA Chart: 18757

Last Page Update : 4/21/2005

## SITE DESCRIPTION:

Nearshore rock and shoreline relief areas for Harbor Seal and California Seal Lion haul-out and pupping.

## SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

## RESOURCES OF PRIMARY CONCERN

Harbor Seal and California Sea Lion haul-out and pupping.

## CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

## KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

## ADDITIONAL SITE SUMMARY COMMENTS:

## 5-470 -A/B Site Strategy - Seal Rocks - Catalina Island

5-470 -A/B

County and Thomas Guide Location

NOAA CHART

Latitude N Longitude W

Los Angeles Co.

18757

33 18.1 118 18.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-470.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-470.1			3000 Ocea		0	8	0	0		16	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

#### **WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

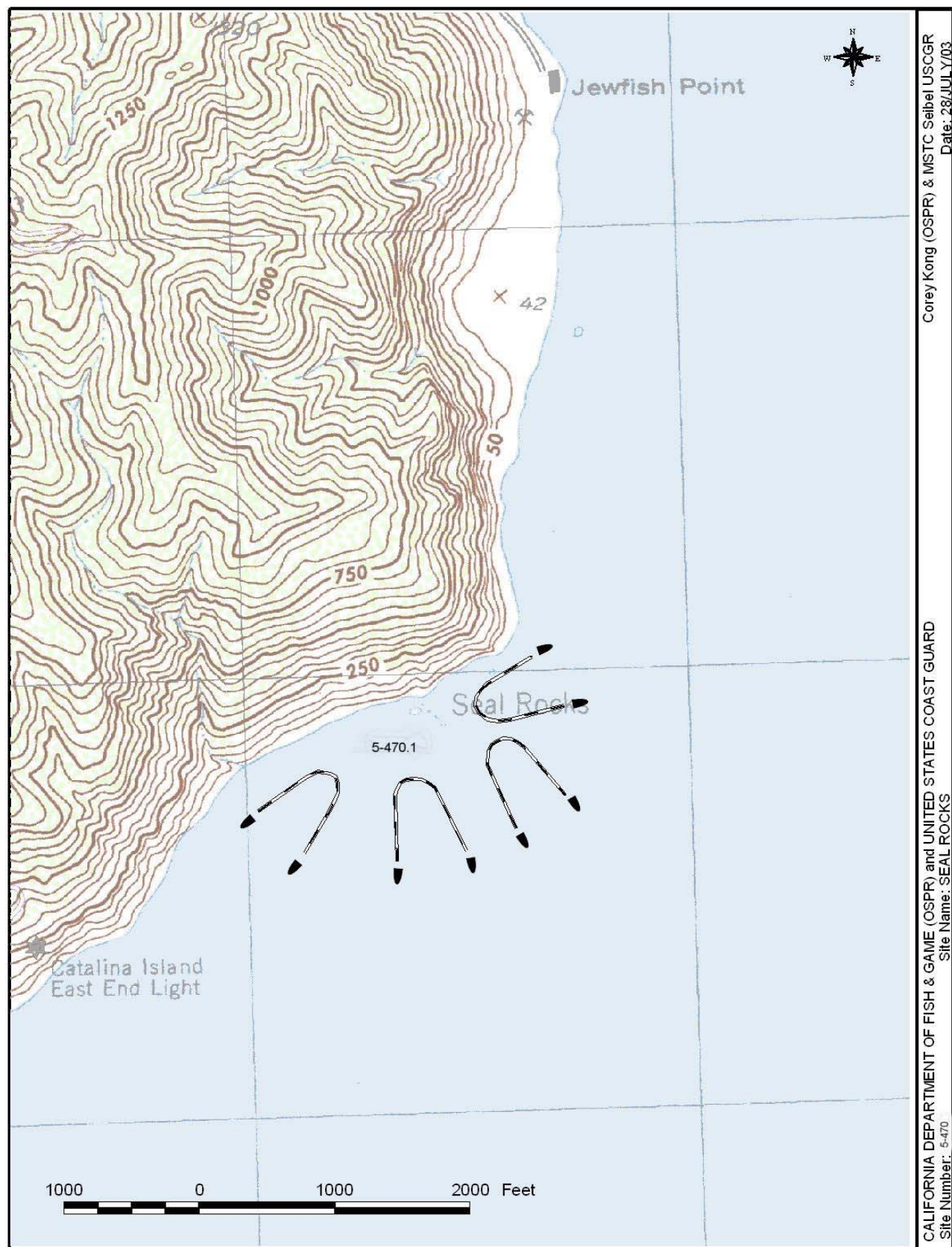
**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.





Corey Kong (OSPR) & MSTC Seibel USCGR  
Date: 28 JULY 03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: SEAL ROCKS  
Site Number: 5-470



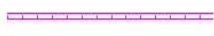
Harbor Boom



Swamp Boom



sss / sfs



Sorbent Boom



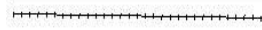
Other Boom



tsa / sps



Dike or Berm



Excellior Fence



tba/voo

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**5-510 -A Site Summary- San Nicolas Island****5-510 -A**County: **Ventura Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33119B4**NOAA Chart: **18740**

33 15.0

119 30.5

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

San Nicolas Island is the site of an attempt to establish a breeding colony of Sea Otters. Sea Otters may occur within any of the nearshore zones around the island, but the majority of the marine mammal colonies are found at the west end of the island.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year.

**RESOURCES OF PRIMARY CONCERN**

Harbor Seal, California Sea Lion, and Northern Elephant Seal haul-out and pupping areas. Seabird roosting sites. Extensive kelp beds.

California Brown Pelican (Federal and State endangered species) and Cormorants.

Sea Otter (Federal threatened species).

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		U.S. Fish and Wildlife Service (Ventura Office)	(805) 644-1766
T		Calif. Dept. of Fish and Game (24 hr)	(916) 358-1300
TE		U.S. Navy Duty Officer-San Nicolas Island	(805) 989-7259
TE		U.S. Navy Duty Officer-San Nicolas Island	(805) 989-2370
TE		U.S. Navy Duty Officer-San Nicolas Island	(805) 989-2335
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Rick Hanks	Bureau of Land Management	(831) 372-6105
T	Brian Hatfield	U.S. Geological Survey (sea otters)	(805) 927-3893
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Harris Michael Sea Otters	Calif. Dept. of Fish and Game OSPR	(805) 772-1135
T	Robert Read Marine Mammals	Calif. Dept. of Fish and Game Marine Region	(858) 467-4213
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-510 -A Site Strategy - San Nicolas Island

5-510 -A

County and Thomas Guide Location  
Ventura Co.

NOAA CHART  
18740

Latitude N Longitude W  
33 15.0 119 30.5

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species including a new colony of Sea Otters. There are several points on the island which may have one or more protected species. Location of deployment will depend on the direction of the incoming oil plume.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-510.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary. Vessel captains should be cautious of shallow spots and thick kelp on the west end.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-510.1			3750 Ocea		0	10	0	0		20	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

#### LAND ACCESS:

Access best by boat.

#### WATER LOGISTICS:

Shallow reefs and thick kelp.

Limitations: depth, obstruction

Launching, Loading, Docking

No services available.

and Services Available:

#### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

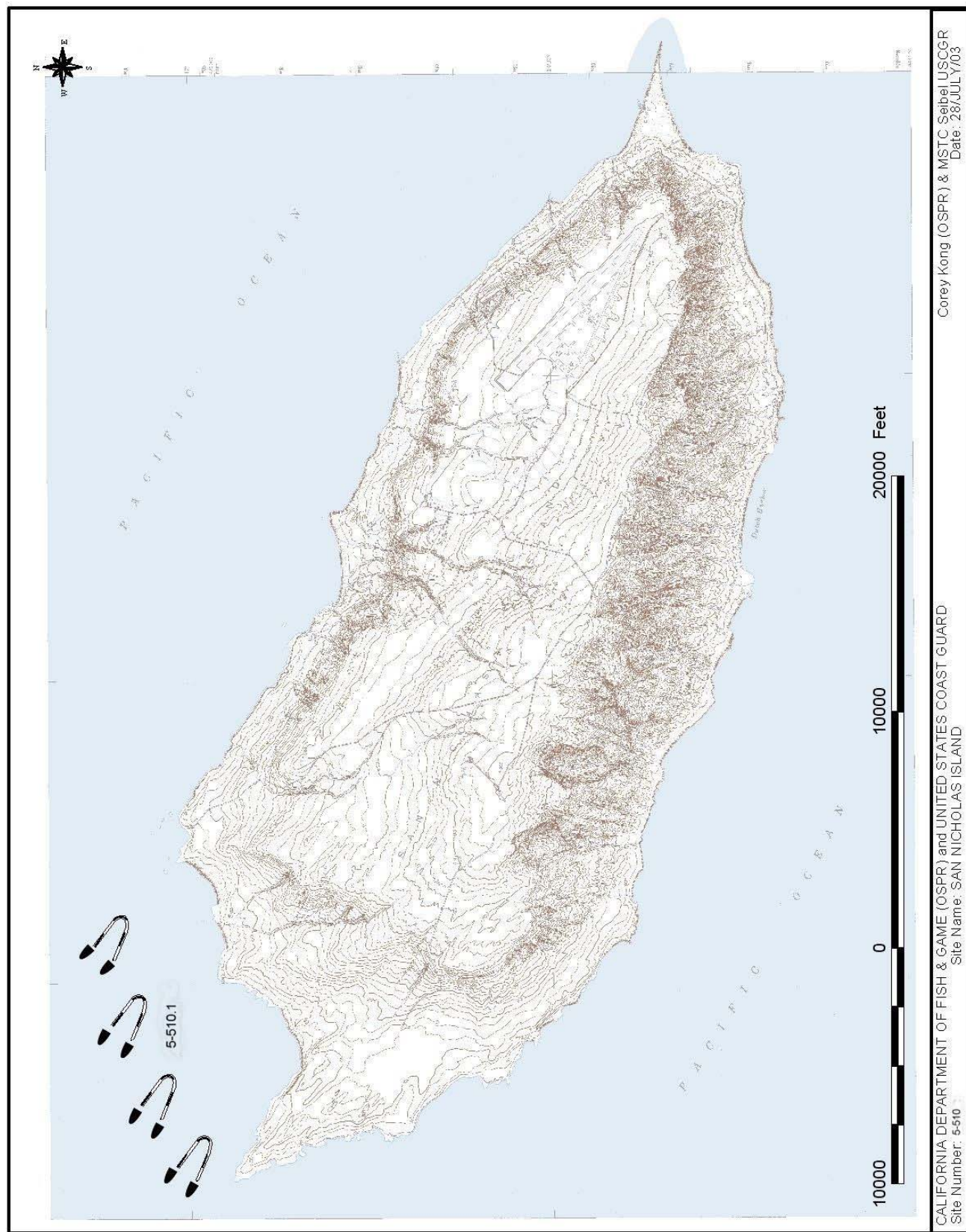
#### COMMUNICATIONS PROBLEMS:

Limited cellular phone coverage.

#### ADDITIONAL OPERATIONAL COMMENTS:

Access is exclusively by boat and air. Contact Naval Command in Port Hueneme as work will be close to a Naval facility and access is restricted.





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**5-550 -A Site Summary- Santa Barbara Island****5-550 -A**County: **Los Angeles Co.**  
USGS Quad:

Thomas Guide Location

Latitude N  
33 28.5  
Longitude W  
118 2.1NOAA Chart: **18756**

Last Page Update : 4/21/2005

**SITE DESCRIPTION:**

Santa Barbara Island lies approximately 70 miles south of Mugu Lagoon. It is about one square mile in size and most of the shoreline consists of vertical rock cliffs and wave-cut platforms, with scattered coarse-grained sand to gravel beaches. This island is very important for marine mammals and seabird nesting. Dispersant use should be considered for oil on deep water.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year.

**RESOURCES OF PRIMARY CONCERN**

Harbor Seal, California Sea Lion, and Northern Elephant Seal haul-out and pupping areas. Seabird roosting sites. Extensive kelp beds.

California Brown Pelicans (Federal and State endangered species), shorebirds, and seabirds.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 653-6624 and the South Central Coastal Information Center at (714) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		U.S. Fish and Wildlife Service (Ventura Office)	(805) 644-1766
T		NOAA Protected Resources	(562) 980-4020
T		Channel Islands Nat. Marine Sancturay	(877) 982-2617
T		Channel Islands National Park (after hours)	(661) 723-7619
T		Channel Islands National Park (8am - 4:30pm)	(805) 658-5720
T	Kristine Barsky Marine Biologist	Calif. Dept. of Fish and Game Marine Region	(805) 560-6758
T	Joe Cordaro Marine Mammals	NOAA/Nat. Mar. Fish. Service	(562) 980-4017
T	Corey Kong Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-6203
T	Chris Thixton Environmental Scientist	Calif. Dept. of Fish and Game OSPR	(562) 598-4052
T	Morgan Wehtje Wildlife Biologist	Calif. Dept. of Fish and Game Reg 5	(805) 491-3571

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-550 -A Site Strategy - Santa Barbara Island

5-550 -A

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18756

Latitude N Longitude W  
33 28.5 118 2.1

Last Page Update : 4/21/2005

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species and habitat. There are several points on the island which may have one or more protected species. Location of deployment will depend on the direction of the incoming oil plume.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-550.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary. Vessel captains should be cautious of shallow spots and thick kelp on the west end.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-550.1			3750 Ocea		0	10	0	0		20	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access by boat only.

#### LAND ACCESS:

Access by boat only.

#### WATER LOGISTICS:

Shallow reefs and thick kelp.

Limitations: depth, obstruction

Launching, Loading, Docking No services available.

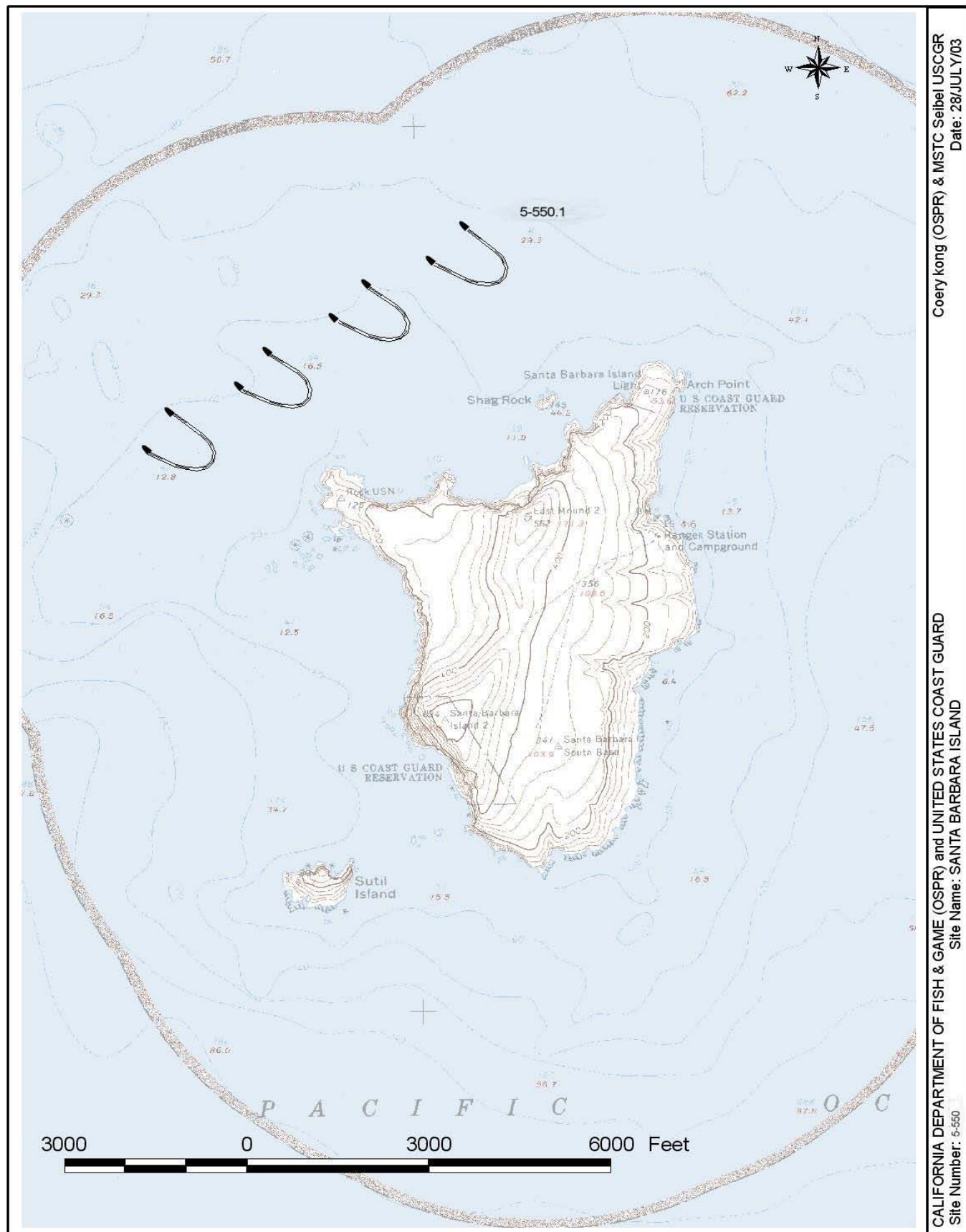
and Services Available:

#### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

#### COMMUNICATIONS PROBLEMS:

#### ADDITIONAL OPERATIONAL COMMENTS:

Contact the Channel Islands National Park. Santa Barbara Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the International Biosphere Preserve Program. Trustee agencies may not sanction beach cleanup activities that interfere with marine mammals and/or bird populations. Every method to keep oil from coming ashore should be considered. The National Park Service reserves the right to deny access to anyone at any given time as circumstances dictate.



Coery kong (OSPR) & MSTC Seibel USCGR  
Date: 28/JULY/03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: SANTA BARBARA ISLAND  
Site Number: 5-550

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## **9841.2 Cultural and Other Resources at Risk**

This section provides cultural and other resources at risk information that may not be included in sensitive site information. This section also includes information such as "Essential Fish Habitat" or other variable resource patterns which may occur in a given area.

### **9841.21 Cultural and Historical Resources**

#### **Introduction**

The primary purpose this section is to identify and incorporate into emergency response planning, the specific resources subject to injury or damages from an oil spill event. An important and immediate consideration at the occurrence of an oil spill in California marine waters is whether areas that are culturally sensitive or contain historical or archaeological resources may be impacted by the spill. The affects of oil upon these resources can be extremely damaging. Often of greatest concern to the safety of cultural and historical resources are the response actions such as establishment of equipment staging areas. Culturally sensitive areas are often difficult to identify visually and therefore pre-sill planning becomes essential to avoid damaging these resources.

Historical resources are defined under the California Environmental Quality Act (CEQA) to include, but not limited to: "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California." These sites or areas would either be on or eligible to be placed on the California Register of Historical Resources or the National Register of Historical Places.

The CEQA defines an important archaeological resource as one that: "A) is associated with an event or person of; 1) recognized significance in California or American history, or 2) recognized scientific important in prehistory; B) can provide information which is both demonstrable public interest and useful in addressing scientifically consequential and reasonable archaeological research questions; C) has a special or particular quality such as oldest, best example, largest, or last surviving example of its kind; D) is at least 100 years old and possesses substantial stratigraphic integrity; E) involves important research questions that historical research has shown can be answered only with archaeological methods."

#### **Culturally Sensitive Areas**

This Area Contingency Plan does not attempt to identify the location of sites or areas of importance to Native Americans. Many of the coastal areas of significance to Native Americans are known or have been identified, but are often confidential information. This planning document provides, as available, the contact names, locations and phone numbers of knowledgeable sources for information on areas of cultural or economic significance to Native Americans within California.

The coastline of California contains many sites with culturally sensitive resources. The locations of some sites are available to the general public but many other locations are held as confidential information at Regional Information Centers throughout the State



and by local Indian organizations. Culturally sensitive areas exist on both public and private lands and therefore the following public agencies and individuals listed below should be contacted during a significant oil spill incident:

**Native American Heritage Commission**

915 Capitol Mall, Room 364  
Sacramento, CA 95814

P.O.C.: Larry Myers  
Phone: (916) 653-4082  
FAX: (916) 657-5390

**Office of Historic Preservation**

Department of Parks and Recreation  
1416 9<sup>th</sup> St.  
Sacramento, CA 94296-0001

CEQA Information: Noah Tilghman  
Phone: (916) 653-3460  
FAX: (916) 653-9824

**Cultural Resources Division**

Department of Parks and Recreation  
1416 9<sup>th</sup> St.  
Sacramento, CA 94296-0001

Contact: John W. Foster  
Phone: (916) 653-4529  
FAX: (916) 653-3398

**Local Native American Representatives**

An important and immediate consideration of the occurrence of an oil spill along the California coastline is whether areas that are culturally and historically significant will be impacted by oil. The effect of oil is damaging upon these sites, however, potential response actions can be even more destructive if not properly supervised. Marine spills can cover large areas and with state and federal public properties overlapping with private lands along the coast ownership of affected segments of coastline may be difficult to discern without proper boundary identification.

The California Department of Parks and Recreation owns State park and beach properties along the Los Angeles and Orange County coastline. At the time of a spill State Park Archeologists should be notified in order to evaluate known cultural resources sensitivity within park lands and to determine if a Native American representative is required to be on scene of a response.



## **Native American Contacts**

Richard Angulo  
1222 Potter Avenue  
Thousand Oaks, CA 91360  
(805) 493-2863  
(805) 493-2163 FAX

Chumash

Santa Ynez Band of Chumash Indians  
Tribal Elders Council  
P.O. Box 365  
Santa Ynez, CA 93460  
(805) 688-8446  
(805) 693-1768 FAX

Chumash

Gabrielino/Tongva  
Tribal Council of San Gabriel  
P.O. Box 693  
San Gabriel, CA 91776  
(626) 286-1632  
(626) 286-1262 FAX

Gabrielino

Martin Alcala, Chairperson  
2333 Penmar Ave., #1  
Venice, CA 90291  
(310) 313-6071

Gabrielino

Rhonda Robles  
2822 E. 56th Way  
Long Beach, CA 90805  
(562) 633-9014

Juaneño

The Juaneño Band of Mission Indians  
Acjachemen Nation Tribal Council  
31411 – A Matanza St.  
San Juan Capistrano, CA 92675-2625  
(949) 488-3484  
(949) 488-3294 FAX

Juaneño

The contact names and telephone numbers of local or regional Native American representatives may be obtained from the Native American Heritage Commission (in addition to any listed above).

A geographic distribution of Native American tribes in California is shown following the list of regional information centers for historically sensitive resources. All coastal areas for each tribe are considered economically significant, because fishing and other traditional uses span the length of coast line for each group.

## **Historical and Archaeological Sites**

California has many identified historical or archaeological sites of significance near marine waters of the State. The Office of Historic Preservation within the Department of Parks and Recreation, maintains the California Register of Historical Resources. The California State Lands Commission maintains a database of known shipwrecks and other underwater marine archaeologically significant resources in state waters. Provided below is a list of references for information about historical and archaeological sites at risk from marine oil spills.

### **Office of Historic Preservation**

Department of Parks and Recreation  
1416 9<sup>th</sup> St., Room 1442-7  
Sacramento, CA 95814  
(916) 653-6624  
(916) 653-9824 FAX

P.O. Box 942896  
Sacramento, CA 94296-0001

Coordinator: Margaret Lopez  
Assistant Coordinator: Stacy St. James  
Staff Researcher: Mary Jo Tarrant

### **Information Centers Coordinators:**

John Thomas  
(916) 653-9125  
Eric Allison  
(916) 653-7278

State Inventory (structures): Joseph McDole  
(916) 653-9019

[www.ohp.parks.ca.gov](http://www.ohp.parks.ca.gov)

### **Resources Protection Division**

Department of Parks and Recreation  
Sacramento, CA 94296-0001  
(916) 653-4458 FAX

Senior State Archaeologist: John W. Foster  
(916) 653-4529

### **California State Lands Commission**

100 Howe Ave., Suite 100 South  
Sacramento, CA 95825-8202  
(916) 574-1900  
(916) 574-1810 FAX

Long Beach – Mineral Resources Management Division  
200 Oceangate, 12<sup>th</sup> Floor  
Long Beach, CA 90802-4331  
(562) 590-5295 FAX

Paul B. Mount  
Division Chief Mineral Resources  
(562) 590-5205  
(562) 590-5210 FAX  
[mountp@slc.ca.gov](mailto:mountp@slc.ca.gov)

[www.slc.ca.gov](http://www.slc.ca.gov)

### **Information Center of the California Archeological Inventory**

The following institutions are under agreement with the Office of Historic Preservation to:  
Integrate newly discovered sites and information on known sites into the California Archeological Inventory;  
Supply information on known sites and archeological surveys to governments, institutions, and individuals who have a justifiable need to know;  
Supply a list of consultants who are qualified to do archeological field work within their area.

#### **Information Centers:**

Dr. Michael A. Glassow, Coordinator  
Central Coastal information Center  
Department of Archeology  
University of California, Santa Barbara  
Santa Barbara, CA 93106

Contact: Melissa Chatfield  
(805) 893-2472  
(805) 893-8707 FAX

South Central Coastal Information Center  
SCCIC – Department of Anthropology  
CSU Fullerton  
800 North State College Blvd.  
Fullerton, CA 92834  
(714) 278-5395  
(714) 278-5542 FAX  
[sccic@fullerton.edu](mailto:sccic@fullerton.edu)  
[www.anthro.fullerton.edu/sccic/](http://www.anthro.fullerton.edu/sccic/)

## 9841.22 Essential Fish Habitat

Ocean fisheries are managed under the Fishery Conservation and Management Act of 1976, now known as the Magnuson-Stevens Fishery Conservation and Management Act (MSA). The Act provided the National Marine Fisheries Service (NMFS) legislative authority for fisheries regulation in the United States, in the area between three-miles to 200 miles offshore.

In 1996, the Magnuson-Stevens Act was re-authorized and amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267) to emphasize the sustainability of the nation's fisheries and establish a new standard by requiring that fisheries be managed at maximum sustainable levels and that new approaches be taken in habitat conservation. This habitat is called "Essential Fish Habitat" (EFH). The Act established procedures designed to identify, conserve, and enhance EFH for those species regulated under a Federal fisheries management plan.

The MSA requires Federal agencies to consult with NMFS on all actions, or proposed actions, authorized, funded, or undertaken by the agency, that may adversely affect EFH (MSA §305(b)(2)). See ACP Section 4800 for consultation procedures.

*EFH means "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity" (MSA §3).* For the purpose of interpreting this definition of EFH: **Waters** include aquatic areas and their associated physical, chemical, and biological properties that are used by fish and may include aquatic areas historically used by fish where appropriate; **substrate** includes sediment, hard bottom, structures underlying the waters, and associated biological communities; **necessary** means the habitat required to support a sustainable fishery and the managed species' contribution to a healthy ecosystem; and "spawning, breeding, feeding, or growth to maturity" covers a species' full **life cycle** (50 CFR 600.10). **Adverse effect** means any impact which reduces quality and/or quantity of EFH, and may include direct (e.g., contamination or physical disruption), indirect (e.g., loss of prey or reduction in species fecundity), site-specific or habitat-wide impacts, including individual, cumulative, or synergistic consequences of actions (50 CFR 600.810).

The EFH mandate applies to all species managed under a federal Fishery Management Plan (FMP). For the Pacific West Coast (excluding Alaska), there are three FMPs, covering groundfish, coastal pelagic species, and Pacific salmon. Therefore, Federal agencies must consider the impact of a proposed action on EFH for any species managed under those three FMPs. A brief description of EFH identified in each FMP follows. Detailed descriptions are contained in the references following the EFH Assessment template.

*Groundfish:* EFH for Pacific coast groundfish is defined as the aquatic habitat necessary to allow for groundfish production to support long-term sustainable fisheries for groundfish and for groundfish contributions to a healthy ecosystem. Descriptions of groundfish EFH for each of the 83 species and their life stages result in more than 400 EFH identifications. When these EFHs are taken together, **the groundfish EFH includes all waters from the mean higher high water line, and the upriver extent of saltwater intrusion in river mouths, along the coasts of Washington, Oregon and California seaward to the boundary of the U.S. exclusive economic zone (EEZ).**

*Coastal pelagic species:* Amendment 8 to The Coastal Pelagic Species Fishery Management Plan describes the habitat requirements of five pelagic species: Northern anchovy, Pacific sardine, Pacific (chub) mackerel, jack mackerel and market squid. These four finfish and market squid are treated as a single species complex because of similarities in their life histories and habitat requirements. EFH for coastal pelagic species is defined as: **The east-west geographic boundary of EFH for CPS is defined to be all marine and estuarine waters from the shoreline along the coasts of California, Oregon and Washington offshore to the limits of the EEZ and above the thermocline where sea surface temperatures range between 10o – 26o C. The southern boundary is the U.S.-Mexico maritime boundary. The northern boundary is more dynamic, and is defined as the position of the 10o C isotherm, which varies seasonally and annually.**

*Pacific salmon - chinook, coho, and Puget Sound pink salmon:* EFH for the Pacific coast salmon fishery means those waters and substrate necessary for salmon production needed to support a long-term sustainable salmon fishery and salmon contributions to a healthy ecosystem. To achieve that level of production, EFH includes all those streams, lakes, ponds, wetlands, and other currently viable water bodies and most of the habitat historically accessible to salmon in Washington, Oregon, Idaho, and California. **In the estuarine and marine areas, salmon EFH extends from the nearshore and tidal submerged environments within state territorial waters out to the full extent of the exclusive economic zone (370.4 km) offshore of Washington, Oregon, and California north of Point Conception. Freshwater EFH for Pacific salmon includes all those streams, lakes, ponds, wetlands, and other water bodies currently, or historically accessible to salmon in Washington, Oregon, Idaho, and California, except areas upstream of certain impassable man-made barriers (as identified by the PFMCI), and longstanding, naturally-impassable barriers (i.e., natural waterfalls in existence for several hundred years).**

*Southern California Steelhead:* Southern steelhead may have occupied as much as 15% of the winter steelhead range in California, but the present distribution in southern California has been reduced to perhaps 1% of the stream miles they formerly inhabited (E. Gerstung, in: CDFG, 1995). Juvenile steelhead rear in freshwater 1- 4 years and then spend 1-5 years (usually 2-3 in California) in the ocean. Southern steelhead usually spend less time in fresh water because of inhospitable conditions in the lower reaches of Southern California streams. Therefore they may migrate to the ocean or have greater dependency on coastal lagoons during the first year. Fish movements both upstream and downstream coincide with flow pulses from storms. These coastal streams are characterized by sand bar build up during low flow summer months at the mouth. Listed as an endangered species on 8/18/97. **The Evolutionary Significant Unit includes all naturally spawned populations of steelhead (and their progeny) in streams from the Santa Maria River to Malibu Creek.**

#### References

Casillas, E., L. Crockett, Y. deReynier, J. Glock, M. Helvey, B. Meyer, C. Schmitt, M. Yoklavich, A. Bailey, B. Chao, B. Johnson and T. Pepperell. 1998. Essential Fish Habitat West Coast Groundfish Appendix, National Marine Fisheries Service, 778 pp.

Calif. Dept. of Fish and Game (CDFG). 1995. *Fish species of special concern in California*. By Moyle, Yoshiyama, and Williams. Sacramento. 272 p.

PFMC (Pacific Fishery Management Council). 1999. Amendment 14 to the Pacific Coast Salmon Plan. Appendix A: Description and Identification of Essential Fish Habitat, Adverse Impacts and Recommended Conservation Measures for Salmon (August 1999).

PFMC (Pacific Fishery Management Council). 1998. Final Environmental Assessment/Regulatory Review for Amendment 11 to the Pacific Coast Groundfish Fishery Management Plan (October 1998).

PFMC (Pacific Fishery Management Council). 1998. The Coastal Pelagic Species Fishery Management Plan: Amendment 8 (December 1998).

### **9841.3 Economically Sensitive Areas - Los Angeles County**

The primary purpose of Table 9841.3A is to identify and incorporate into emergency response planning, the specific resources subject to injury or damages from an oil spill event. Subsection 9841.3 contains information that identifies through lists, tables maps, and text, many of the economic resources that face potential damages due to an oil spill. Limitations of time, personnel, and the availability of information suggest that all resources of significant economic value and susceptible to marine oil spills, could not be identified at this time.

People involved with response planning recognize that throughout California marine waters, along the State's shoreline, and within coastal communities there are many resources of economic importance that could be severely impacted by an oil spill incident.

#### **Relation to Environmentally Sensitive Areas in Section 9841.1**

Section 9841.1 contains maps and site summary sheets with information about the environmental sensitivity of specific locations within the planning area. State and Federal law establish three priority levels for dedication of emergency oil spill response resources.

- First Priority - Protection of human health and safety
- Second Priority - Protection of environmental resources
- Third Priority - Protection of economic resources

Examples of resources that will receive a first priority response (human health and safety) includes:

- power plant intake
- desalinization plants
- drinking water intakes
- other health/safety intakes
- public use areas at risk (e.g. fire department)
- (e.g. hazardous fumes)

Environmentally sensitive sites are designated as the second priority for oil spill response resources. Environmental sites are categorized in Section 9841.1 using a scale of A, B, and C. Sites ranked with an A are the most sensitive to an oil spill.

#### **Economically Sensitive Area Ranking**

Strictly economic resources are designated as the third priority for dedication of oil spill response resources, following human health and safety and environmental resources. The economic sites are ranked using a continuation of the environmental scale with D, E, and F categories. Economic resources that have a greater potential for long-term damages receive a higher rank or priority for emergency response.

Response planners recognize that marine resources can have environmental, economic, and cultural or historical importance, such as coastal parks or important fishing areas. In these cases, the higher environmental ranking would be used for response planning.

The need to set priorities for protection will occur only when response equipment or resources are inadequate to handle a given spill volume.

The Area Contingency Plan is a planning document intended to assist oil spill response personnel during actual response activities and with pre-spill planning. The Unified Command requires flexibility in planning response activities. This flexibility is necessary to provide the most appropriate response to a given spill event.

### **Criteria for Priority Response and Types of Economic Resources**

The following criteria or definitions are used to categorize economic resources in terms of priority for response:

- D = Economic activities and resources which require high water quality for their operations or existence. Resources that fall into this category would face severe, long-term economic impacts from a spill. This category includes commercial fishing areas (also have environmental rank), aquaculture and mariculture areas, marine labs, salt pond intakes, aquarium water intakes, etc.
- E = Facilities, businesses, or resources which directly use coastal or bay waters within their economic activity and which are at risk of oiling from a spill in marine waters. The resources falling into this category would face significant disruption of their activity, but shorter term potential damages from oiling than resources in the "D" category. This category would include resources such as marinas, harbors, commercial piers, industrial intakes, and parks or recreational areas.
- F = This category contains marine associated facilities, businesses and resources. These resources would face economic impacts from a marine spill, but do not depend directly on marine water for their economic base. Resources in this category will tend to face less severe damages than those identified in categories D or E. This category includes economic resources such as waterfront hotels, restaurants, shops, and residential areas. (Note: residential sites would be evacuated to avoid health risks).

### **Types of Economically Significant Resources and Ranking**

Listed below are various types of significant economic resources potentially at risk from oiling and the appropriate response priority category.

- aquaculture, mariculture (D)
- commercial fishing grounds or areas (D)
- aquariums, marine labs (D)
- facility intakes [not affecting public health] (D)
- parks, beaches, recreational areas (E)
- vessel or boat traffic areas: shipping lanes,
- harbor entrances, river mouths, bays, anchorages (E)
- marinas, houseboat areas (E)
- ferries and tour boats (E)
- port or harbor facilities (E)
- boat moorings, cargo piers, terminals, fishing piers (E)
- ship or boat repair shops (E)



tourist, hotel, restaurant areas (F)  
waterfront residential areas (F)

### **Information About Sensitive Economic Resources**

Attached to Section 9841.3 are tables and maps of sensitive economic areas or resources. Below is a description of the types of information that can be provided for each identified economic resource or facility. Some information is unavailable for specific resources identified within this section.

1. Resource or facility identification number
2. Location of resource or facility
3. Brief description of the resource at risk
4. Contact names and numbers (24 hour access if available)
5. Priority response category

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
1 34.04655 118.93291	Leo Carrillo	Beach - camping and day use with fees. Whale watching, wind surfing, surfing, and diving.	36000 block of Pacific Coast Highway Malibu CA	E	
2 34.04416 118.91422	Nicholas Canyon Beach	Beach - day use with fee.	33850 Pacific Coast Highway Malibu CA	E	
3 34.04085 118.89068	El Pescador State Beach	Beach - day use with fee.	32900 Pacific Coast Highway Malibu CA	E	
4 34.04021 118.88632	La Piedra State Beach	Beach - day use with fee.	32700 Pacific Coast Highway Malibu CA	E	
5 34.03951 118.87572	El Matador State Beach	Beach - day use with fee.	32350 Pacific Coast Highway Malibu CA	E	
6 34.01598 118.81883	Zuma Beach County Park	Beach - day use with fee.	30000 Pacific Coast Highway Malibu CA	E	
7 34.01083 118.81673	Point Dume County Beach	Beach - day use with fee. Whale watching.	7103 Westward Rd. Malibu CA	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
8 34.00433 118.45451	Point Dume State Beach and Natural Preserve	Beach Park		E	
9 34.02061 118.7891	Paradise Cove	Beach - Private -day use with fee.	28128 Pacific Coast Highway Malibu CA	E	
10 34.02561 118.7648	Escondido Creek Beach	Beach - day use.	27200 block of Pacific Coast Highway Malibu CA	E	
11 34.03314 118.7292	Dan Blocker County Beach	Beach - day use.	26000 block of Pacific Coast Highway Malibu CA	E	
12 34.03399 118.68416	Malibu Lagoon State Park	Park - with beach, lagoon, and museum.	23200 block of Pacific Coast Highway Malibu CA	E	
13 34.03734 118.67566	Malibu Pier	Pier.	23000 block of Pacific Coast Highway Malibu CA	E	
14 34.03942 118.59636	Las Tunas Beach	Beach - day use.	19444 Pacific Coast Highway Malibu CA	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
15 34.03987 118.57922	Topanga County Beach	Beach - day use.	18700 Pacific Coast Highway Malibu CA	E	
16 34.03583 118.53564	Will Rogers County Beach	Beach - day use.	17700 Pacific Coast Highway Pacific Palisades CA	E	
17 34.01062 118.4952	Santa Monica Municipal Pier	Pier - restaurants, amusement rides, entertainment, and fishing.	Colorado and Ocean Aves. Santa Monica CA	E	
18 34.01022 118.49571	Santa Monica County Beach	Beach - day use with access to Santa Monica Municipal Pier.	1500 block of Pacific Coast Highway Santa Monica CA	E	
19 33.99455 118.47961	Venice County Beach	Beach - day use, with a popular boardwalk.	1531 Ocean Front Walk Venice CA	E	
20 33.97905 118.46603	Venice Pier	Pier - fishing.	Washington Blvd. and Ocean Front Walk Venice CA	E	
21 33.97163 118.45572	Marina Harbor	Berthing: 300	4422 Via Marina, Suite 715 Marina Del Rey CA 90292 (310) 822-6800	E	

**9841.3A Economically Significant Sites - Los Angeles**

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
22 33.97392 118.45393	Bay Club	Berthing: 250	13955 Tahiti Way Marina Del Rey CA 90292 (310) 821-2542	E	
23 33.97414 118.45198	Tahiti Marina	Berthing: 224	13800 Tahiti Way Marina Del Rey CA 90292 (310) 301-6535	E	
24 33.97637 118.45766	Neptune Marina	Berthing: 184	14126 Marquesas Way Marina Del Rey CA 90292 (310) 823-4555	E	
25 33.97656 118.45555	Villa Del Mar	Berthing: 205	13999 Marquesas Way Marina Del Rey CA 90292 (310) 823-4644	E	
26 33.97631 118.45195	Esprit Marina	Marina under construction in 2004.	13900 Marquesas Way Marina Del Rey CA 90292 (310) 827-6743	E	
27 33.97781 118.45891	Bar Harbor	Berthing: 256	4242 Via Marina Marina Del Rey CA 90292 (310) 823-4689	E	
28 33.97905 118.4549	Holiday Harbor- Marina Del Rey	Berthing: 218	14025 Panay Way Marina Del Rey CA 90292 (310) 578-0566	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
29 33.97905 118.45364	Panay Marina	Berthing: 167	13953 W. Panay Way Marina Del Rey CA 90292 (310) 578-0566	E	
30 33.97903 118.45188	The Dolphin Marina	Berthing: 478	13900 Panay Way Marina Del Rey CA 90292 (310) 578-0566	E	
31 33.98194 118.45884	Mother's Beach	Beach - day use. Within the harbor.	Basin D, Panay Way Marina Del Rey CA	E	
32 33.9819 118.4561	Mariners Bay	Berthing: 409	14000 Palawan Way Marina Del Rey CA 90292 (310) 822-2001	E	
33 33.98482 118.45493	Marina City Club	Berthing: 348	4333 Admiralty Way Marina Del Rey CA 90292 (310) 822-0611	E	
34 33.98362 118.44539	California Yacht Club	Berthing: 325	4469 Admiralty Way Marina Del Rey CA 90292 (310) 823-4567	E	
35 33.98082 118.44462	Catalina Yacht Anchorage	Berthing: 160	13505 Bali Way Marina Del Rey CA 90292 (310) 823-3684	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
36 33.98151 118.44311	Marina Del Rey Hotel Marina	Berthing: 363	13534 Bali Way Marina Del Rey CA 90292 (310) 301-1000	E	
37 33.98081 118.44091	Pacific Marina Venture	Berthing: 412	4635 Admiralty Way Marina Del Rey CA 90744 (310) 823-4593	E	
38 33.97786 118.44397	Santa Monica Yacht Club	Berthing: 200	13589 Mindanao Way Marina Del Rey CA 90292 (310) 823-2252	E	
39 33.97586 118.44188	The Boat Yard	Berthing: 108	13555 Fiji Way Marina Del Rey CA 90292 (310) 823-8964	E	
40 33.97175 118.44609	Fisherman's Village	Shops, restaurants, and sport fishing charters.	Basin H, Fiji Way Marina Del Rey CA	E	
41 33.9679 118.44974	Marina Del Rey Harbor	Harbor with public boat slips, marine supplies, fuel docks, charter fishing, shops, restaurants, and hotels.	Marina Del Rey CA	E	
42 33.94182 118.44105	Dockweiler State Beach	Beach - day use with fee.	8255 Vista del Mar Playa Del Rey CA	E	

**9841.3A Economically Significant Sites - Los Angeles**

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
43 33.91645 118.42744	Grand Ave. County Beach	Beach - day use.	Grand Ave. El Segundo CA	E	
44 33.90509 118.42116	El Porto County Beach	Beach - day use.	45th St. Manhattan Beach CA	E	
45 33.89354 118.41673	Manhattan County Beach	Beach - day use.	West of the Strand. Manhattan Beach CA	E	
46 33.88441 118.4119	Manhattan Beach Pier	Pier - fishing.	Manhattan Beach Blvd. Manhattan Beach CA	E	
47 33.86908 118.40416	Hermosa County Beach	Beach - day use.	West of the Strand Hermosa Beach CA	E	
48 33.86229 118.40016	Hermosa Beach Pier	Pier - fishing.	Pier Ave. Hermosa Beach CA	E	
49 33.85195 118.3971	SEA Laboratory	Research and hatchery facility.	1100 N. Harbor Dr. Redondo Beach CA 90277 (310) 318-7438	D	



### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
50 33.8515 118.39809	King Harbor Marina	Berthing: 837	208 Yacht Club Way Redondo Beach CA 90277 (310) 376-6926	E	
51 33.84585 118.39799	King Harbor	Harbor with public boat slips, marine supplies, fuel docks, charter fishing, shops, restaurants, and hotels.	Harbor Dr. Redondo Beach CA	E	
52 33.84579 118.39737	Portofina Inn and Marina	Berthing: 234	255 Portofina Way Redondo Beach CA 90277 (310) 798-5869	E	
53 33.84504 118.39258	Port Royal Marina	Berthing: 348	555 N. Harbor Dr. Redondo Beach CA 90277 (310) 376-0431	E	
54 33.8436 118.39352	Redondo Sportfishing Pier	Pier - charter fishing.	Harbor Dr. Redondo Beach CA	E	
55 33.84198 118.39234	Redondo Beach Marina	Berthing: 58	181 N Harbor Dr. Redondo Beach CA 90277 (310) 374-3481	E	
56 33.8397 118.38998	Redondo Beach Pier	Pier - restaurants, shopping, entertainment, and fishing.	100 W. Torrance Blvd. Redondo Beach CA	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
57 33.83887 118.39075	Monstad Pier	Pier - restaurants, shopping, entertainment, and fishing.	100 W. Torrance Blvd. Redondo Beach CA	E	
58 33.82555 118.39013	Redondo County Beach	Beach - day use.	West of the Esplanade Redondo Beach CA	E	
59 33.81317 118.39012	Torrance County Beach	Beach - day use.	387 Paseo de la Playa Torrance CA	E	
60 33.80206 118.39572	Malaga Cove	Beach - day use.	Paseo del Mar Palos Verdes Esta CA	E	
61 33.7166 118.3187	Royal Palms County Beach	Beach - day use.	1799 Paseo del Mar San Pedro CA	E	
62 33.70973 118.26664	Los Angeles Harbor	Harbor - cargo and passenger terminals, commercial fishing fleet, bait, tackle, marinas, boat launches, and marine supplies.	West end of San Pedro Bay San Pedro CA	E	
63 33.70803 118.27767	Cabrillo Beach Fishing Pier	Pier - fishing.	3720 Stephen M. White Dr. San Pedro CA	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
64 33.71001 118.28392	Cabrillo County Beach	Beach - day use.	3720 Stephen M. White Dr. San Pedro CA	E	
65 33.71745 118.28224	Cabrillo Marina	Berthing: 860	224 Whalers Walk San Pedro CA 90733 (310) 732-2252	E	
66 33.72052 118.27565	Cabrillo Way Marina	Berthing: 550	2500 Miner St. San Pedro CA 90833 (310) 832-0334	E	
67 33.72183 118.2818	Holiday Harbor- San Pedro	Berthing: 300	241 Watchorn Walk, Berth 34 San Pedro CA 90731 (310) 833-4468	E	
68 33.72483 118.28245	Cabrillo Landing	Berthing: 200	Dean Wyer 291 W. 22nd Street San Pedro CA 90731 (310) 519-1694 (310) 519-0601	E	
69 33.72502 118.28124	Skipper's 22nd St. Landing	Berthing: 25	141 W. 22nd St. San Pedro CA 90731 (310) 832-8304	E	
70 33.7336 118.27882	Ports O'Call Village	Shops, restaurants, and sport fishing charters.	Berth 77 San Pedro CA	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
71 33.7336 118.27882	San Pedro Marina	Berthing: 96	950 Samson Way, Berth 80 San Pedro CA 90731 (310) 519-8177	E	
72 33.73607 118.27031	Southern California Marine Institute	Research facility with fish tanks.	Dan Warren 820 S. Seaside Ave. Terminal Island CA 90731 (310) 519-3172 (310) 519-1054	D	
73 33.73269 118.26843	Al Larsen Marina	Berthing: 128	1046 S. Seaside Ave. Terminal Island CA 90731 (310) 832-0526	E	
74 33.74866 118.28013	Catalina Terminal	Passenger terminal.	Berths 94 and 95 San Pedro CA	E	
75 33.76449 118.25032	Newmark's Yacht Center	Berthing: 240	Berth 204 Wilmington CA 90744 (310) 834-5016	E	
76 33.76559 118.24959	Pacific Yacht Landing	Berthing: 178	Berth 203 Wilmington CA 90744 (310) 830-0260	E	
77 33.76651 118.24957	Yacht Haven	Berthing: 168	Berth 202 Wilmington CA 90744 (310) 834-6892	E	

**9841.3A Economically Significant Sites - Los Angeles**

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
78 33.76742 118.25045	California Yacht Marina	Berthing: 268	Berth 202, #36 Wilmington CA 90744 (310) 834-7113	E	
79 33.76848 118.24975	Holiday Harbor- Wilmington	Berthing: 200	Berth 201 Wilmington CA 90744 (310) 833-4468	E	
80 33.77764 118.2431	Leeward Bay Marina	Berthing: 180	611 Henry Ford Ave. Wilmington CA 90744 (310) 830-5621	E	
81 33.76689 118.242	Island Yacht Anchorage 1	Berthing: 100	801 Henry Ford Ave., Berth 205-D Wilmington CA 90744 (310) 830-1111	E	
81 33.76689 118.242	Island Yacht Anchorage 2	Berthing: 125	801 Henry Ford Ave., Berth 200-X Wilmington CA 90744 (310) 830-3382	E	
82 33.76651 118.2434	Cerritos Yacht Anchorage	Berthing: 95	Berth 205-C Wilmington CA 90744 (310) 834-4737	E	
83 33.76616 118.24488	Lighthouse Yacht Club	Berthing: 75	Anchorage Road, Berth 205-B Wilmington CA 90744 (310) 834-9595	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
84 33.76589 118.24604	Colonial Yacht Anchorage	Berthing: 135	Berth 204, Anchorage Rd. Wilmington CA 90744 (310) 830-1161	E	
85 33.76374 118.24449	R&L Fellows Co.	Berthing: 40	Berth 99 Terminal Island CA 90731 (310) 832-4557	E	
86 33.74894 118.22192	Long Beach Harbor	Harbor - cargo and passenger terminals, commercial fishing fleet, bait, tackle, marinas, boat launches, and marine supplies.	Long Beach CA	E	
87 33.76445 118.19851	Catalina Express	Passenger terminal.	320 Golden Shore Blvd. Long Beach CA	E	
88 33.75284 118.18871	Queen Mary	Shops, restaurants, and hotels.	1126 Queens Highway, Pier J Long Beach CA 90802	E	
89 33.76207 118.19141	Rainbow Harbor	Berthing: 103	Long Beach CA 90802	E	
90 33.76044 118.18927	Shoreline Village	Shops, restaurants, and tourist attractions	429 Shoreline Village Dr. Long Beach CA 90802	E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
91 33.76358 118.18254	Downtown Marina	Berthing:1830	450 E. Shoreline Dr. Long Beach CA 90882 (310) 832-0034	E	
92 33.76222 118.1635	Long Beach City Beach	Beach - day use.	South of Ocean Blvd. Long Beach Ca	E	
93 33.75978 118.14789	Belmont Pier	Beach -day use.	Ocean Blvd. Long Beach CA	E	
94 33.76277 118.11389	M.P. Boat Slips Co.	Berthing: 198	6201 E. 2nd St. Long Beach CA 90803 (562) 498-7318	E	
95 33.76557 118.11474	Cerritos Bahia Marina	Berthing: 276	6289 E. Pacific Coast Highway Long Beach CA 90803 (562) 431-6575	E	
96 33.74977 118.11194	Alamitos Bay Marina	Berthing:1975	205 Marina Dr. Long Beach CA 90803 (562) 570-3215	E	
97 33.47291 118.55064	Parson's Landing Campground	Beach - camping and day use.		E	

### 9841.3A Economically Significant Sites - Los Angeles

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
98 33.44248 118.49831	Isthmus Cove	Beach, boat moorings, and shore landing.		E	
99 33.44307 118.49507	Two Harbors	Mooring: 729	PO Box 5044 Two Harbors (310) 510-0303 CA 90704	E	
100 33.44201 118.49137	Little Fisherman's Cove Campground	Beach - camping.		E	
101 33.44439 118.48151	USC Wrigley Marine Science Center	Research facility and marine preserve for on-site projects.	PO Box 5069 Avalon (310) 510-4001 CA 90704	D	
102 33.35077 118.32786	Descanso Beach	Beach - many recreational uses.	North of Avalon Bay Avalon CA	E	
103 33.3457 118.32601	Avalon Bay	Moorings, pleasure pier, cruise ship and passenger ferry drop off, diving supplies, and fuel dock.		E	
104 33.34421 118.32522	Crescent Beach	Beach - many recreational uses.	Avalon Bay Avalon CA	E	



**9841.3A Economically Significant Sites - Los Angeles**

Site # Lat/Long	Location/Facility	Description of Facility Uses/Importance	Contact Name, Phone # and Address	Response Category	Response Equipment
105 33.34352 118.32454	City of Avalon Harbor Dept.	Mooring: 400 Pier with concessions, diving, and fuel dock.	Brian Bray PO Box 1085 Avalon CA 90704 (310) 510-0535	E	
106 33.38398 118.47247	Little Harbor Campground	Beach - camping.		E	
107 33.43604 118.50152	Catalina Harbor	Beach, boat moorings, and shore landing.		E	

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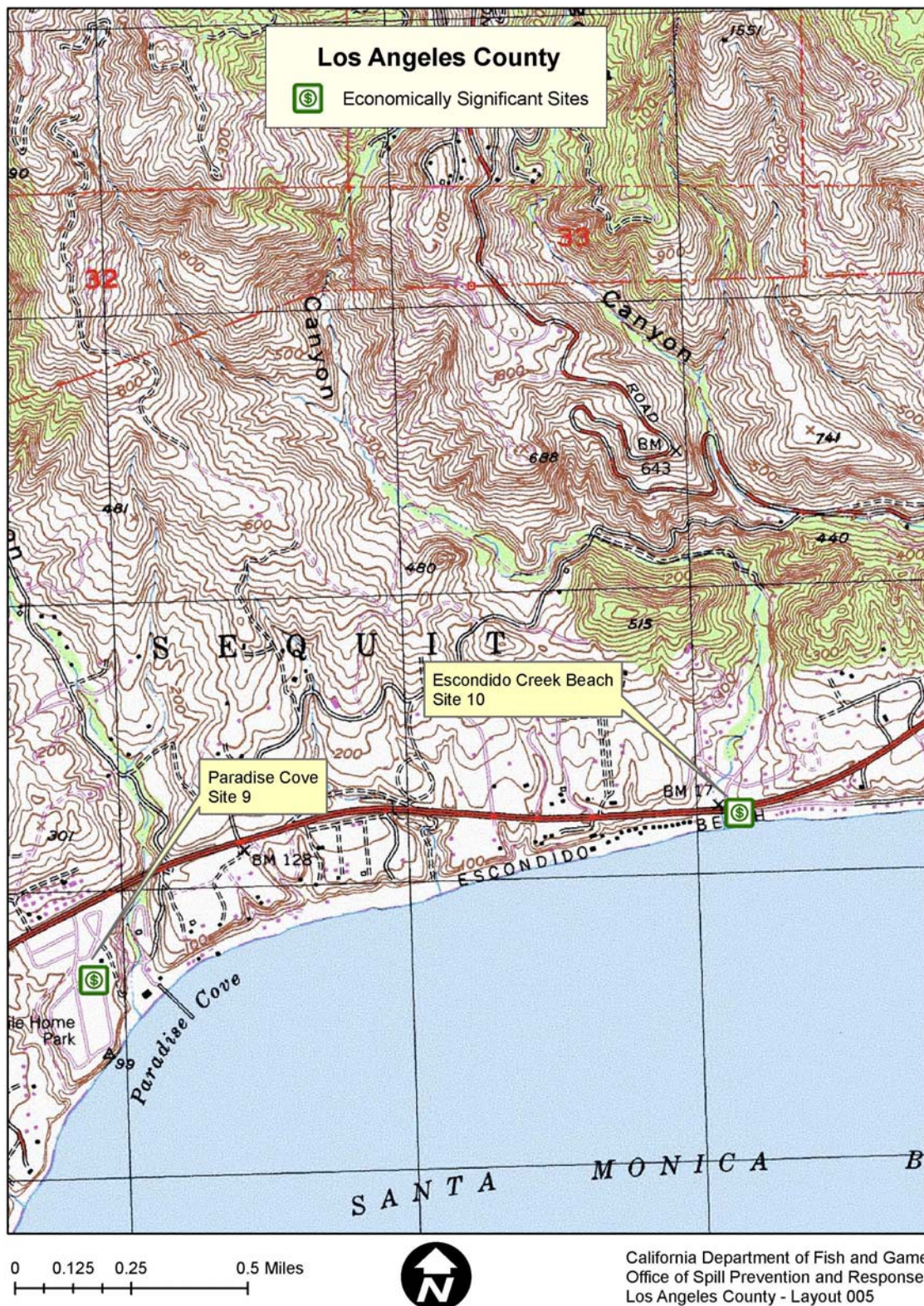








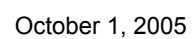








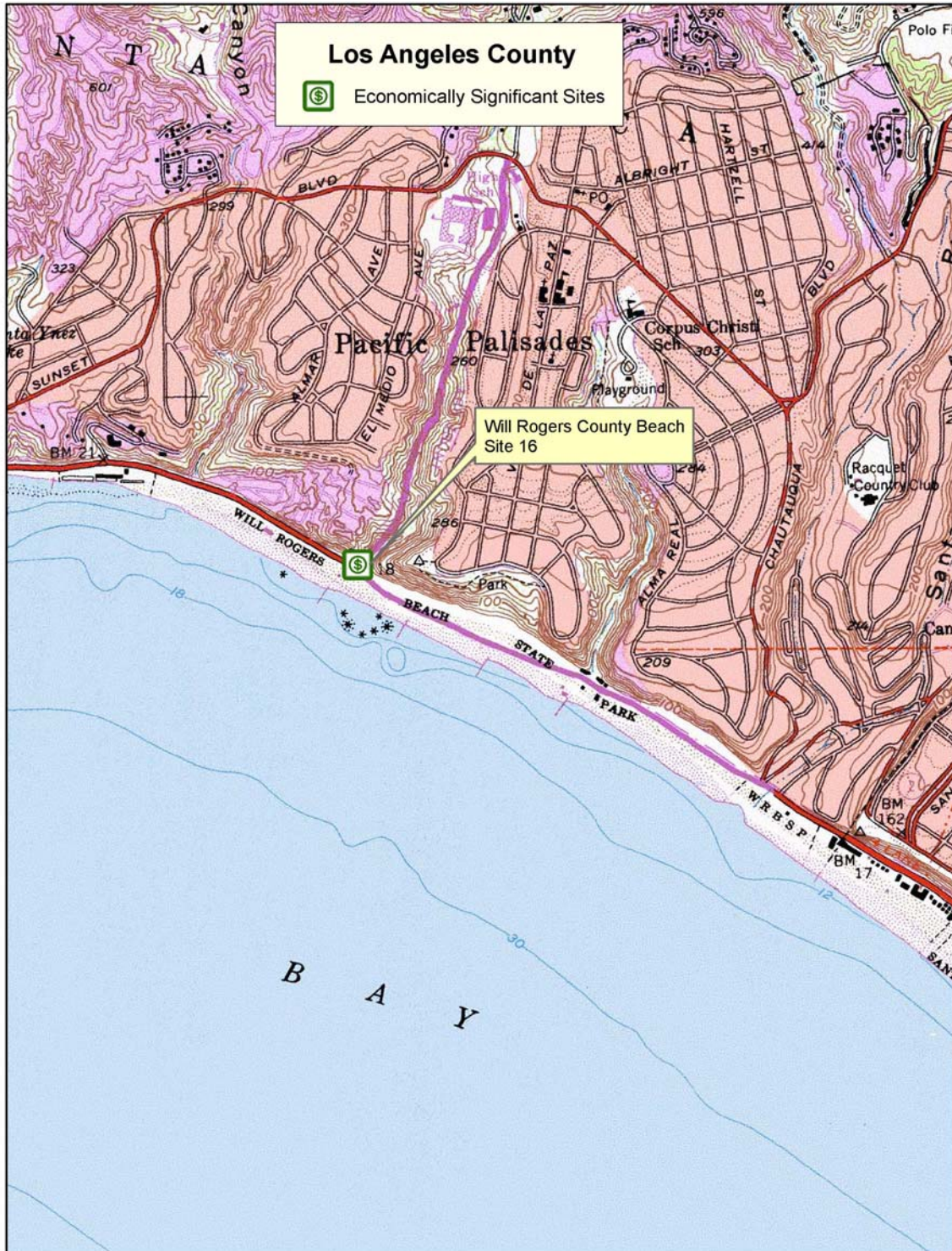












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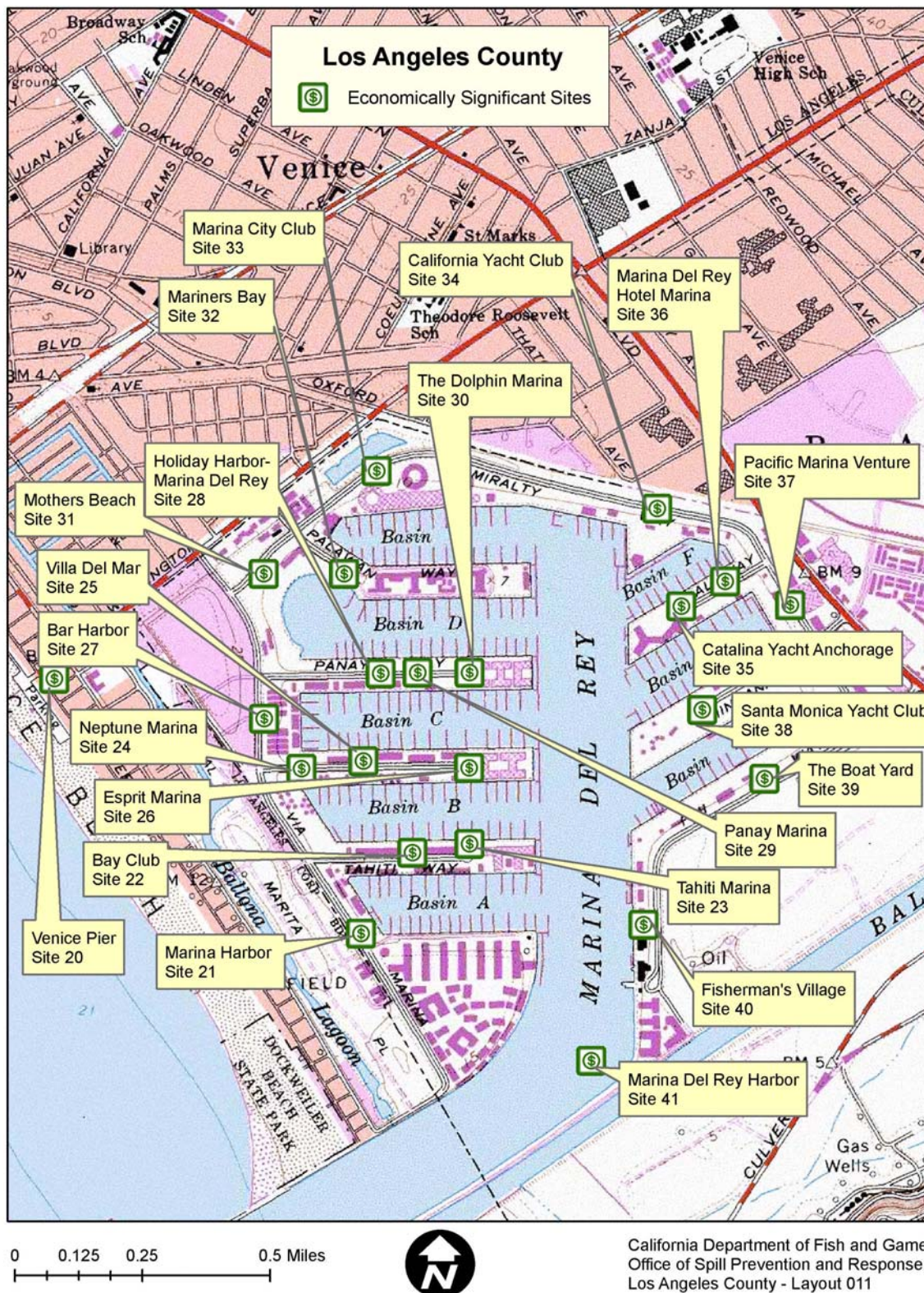


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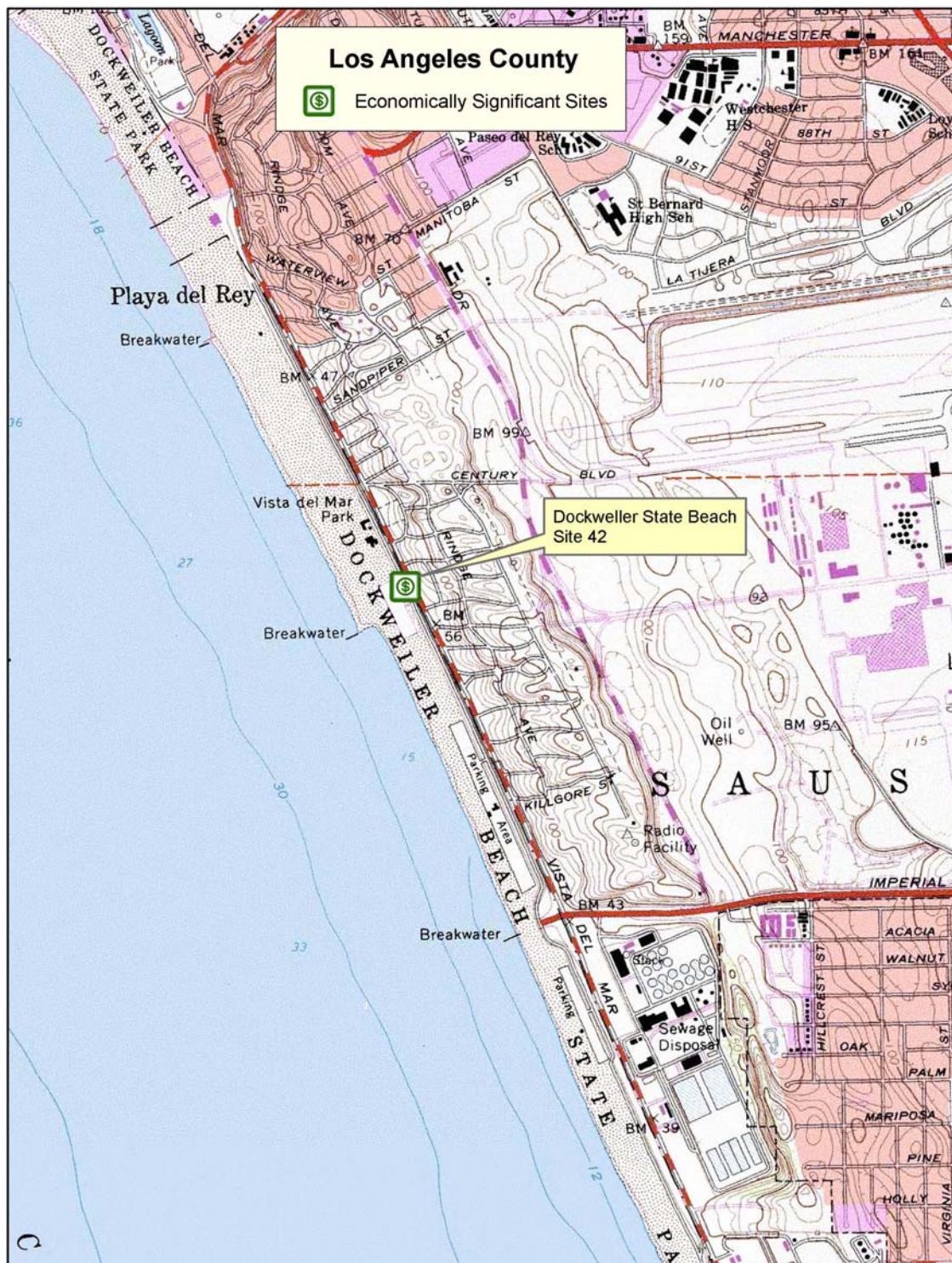


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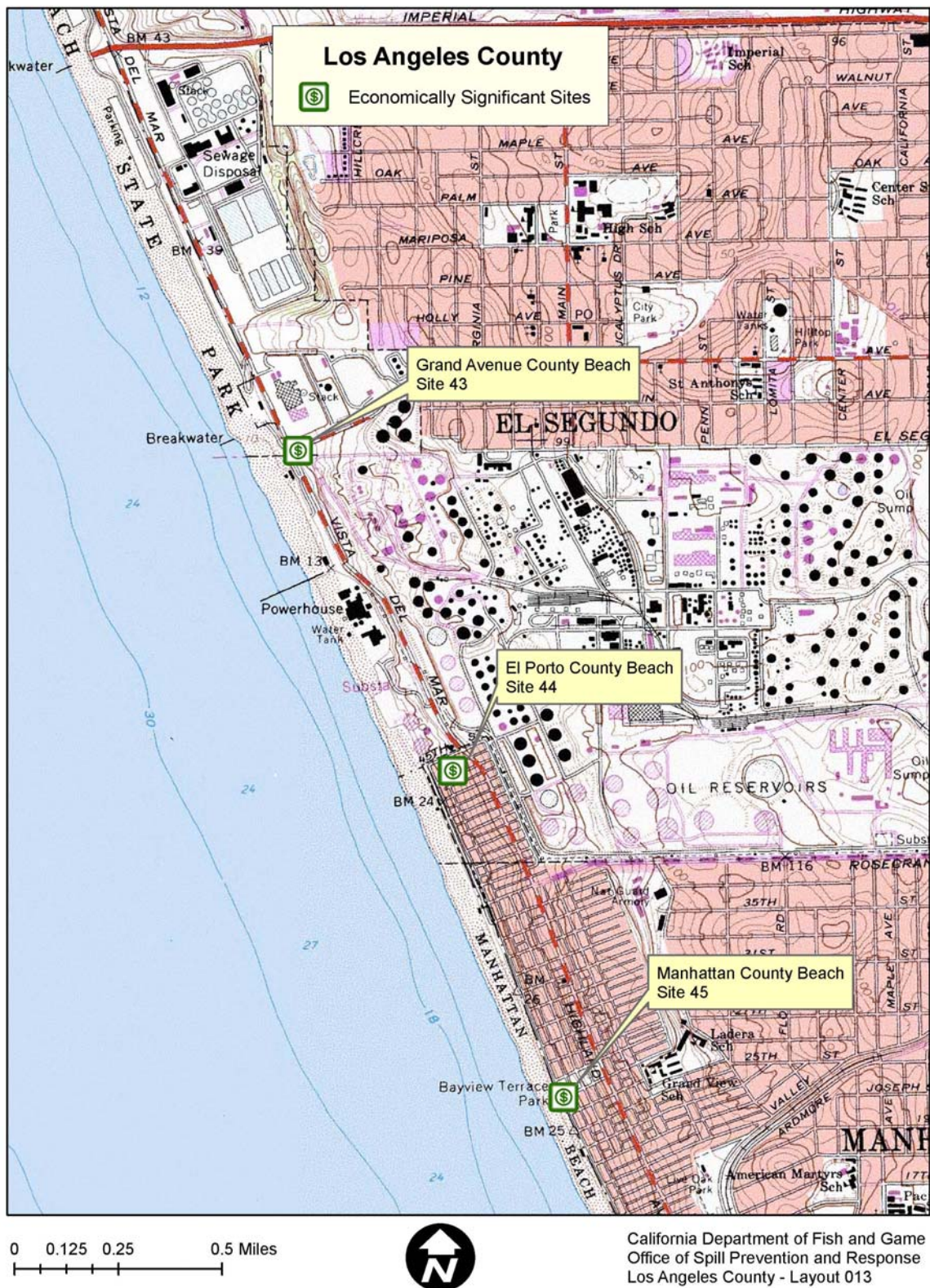












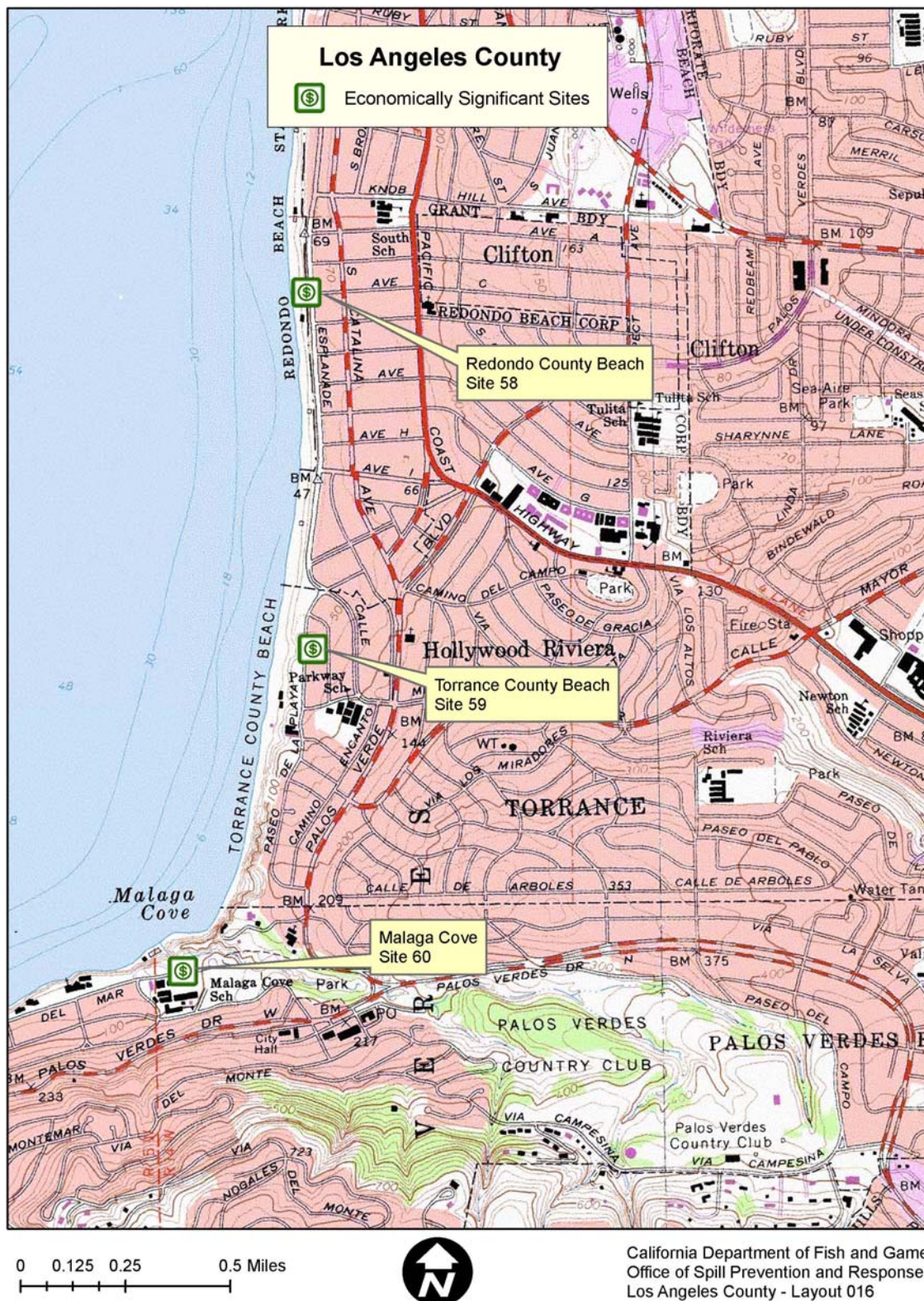




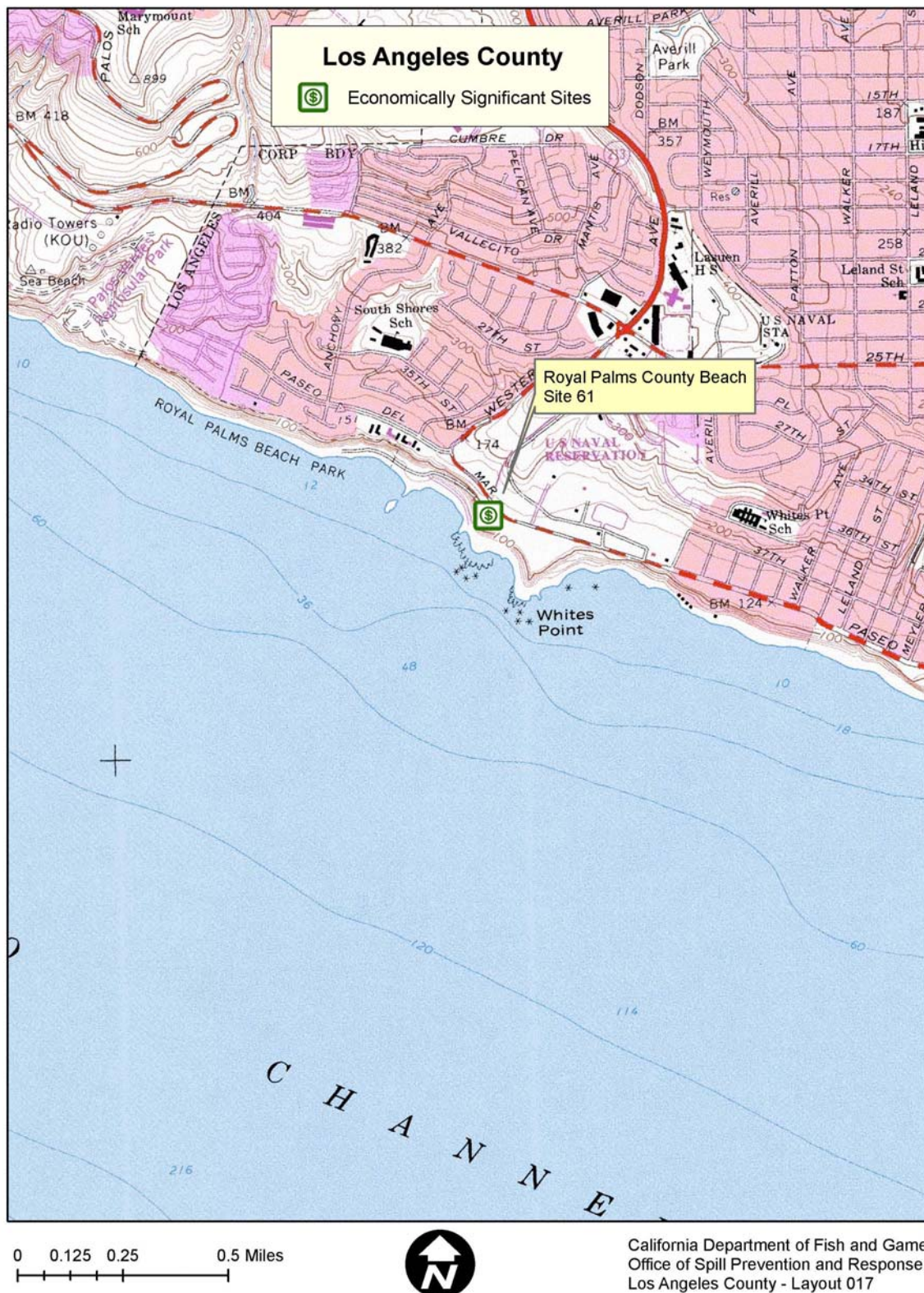








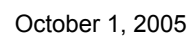




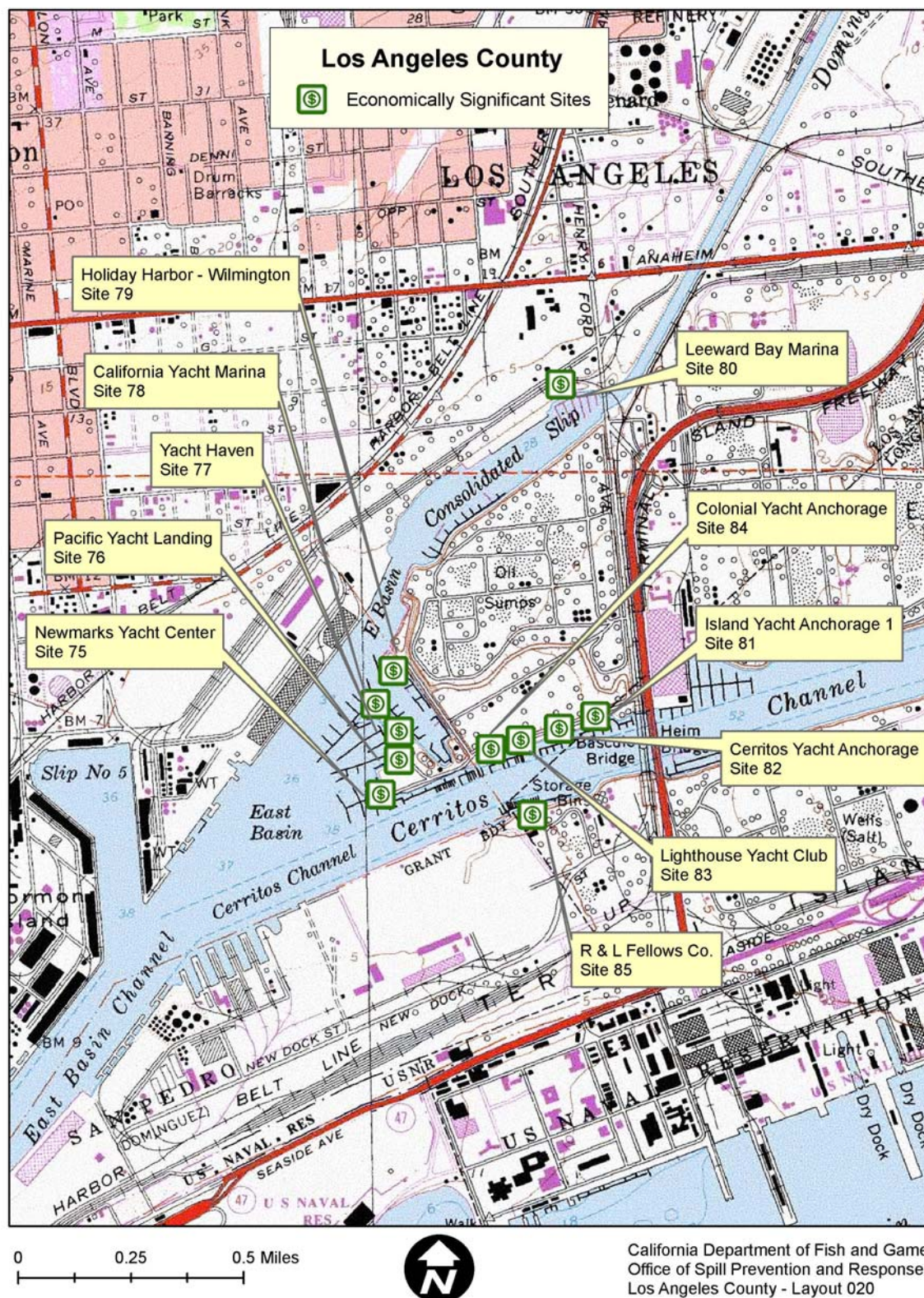




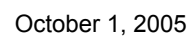








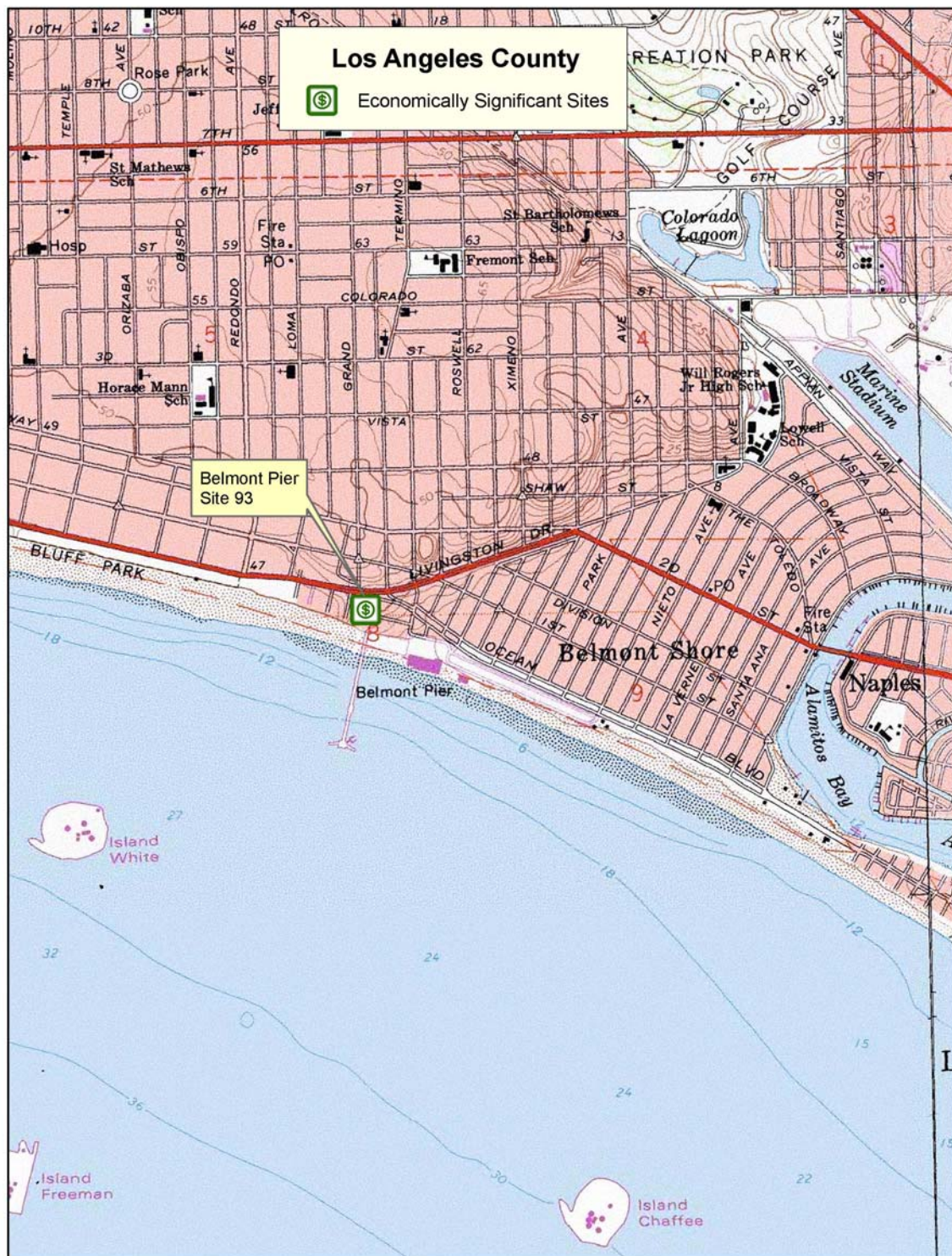












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